



HyTrust CloudControl[®] Compliance Operations Guide



Version 5.5
April 2019

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HyTrust CloudControl®

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HyTrust, Inc.
1975 W. El Camino Real, Suite 203
Mountain View, CA 94040 U.S.A.
Phone (650) 681-8100

Email: info@hytrust.com
Website: <http://www.hytrust.com/>
<https://www.facebook.com/Hytrust/>
<https://twitter.com/HyTrust>

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Compliance Templates

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Overview

Many regulatory authorities provide guidelines for resource settings in virtual environments. Compliance operations in CloudControl are the tests or checks performed to ensure that the resources are configured per compliance guidelines. The operations in CloudControl are organized in templates. Each template is a collection of operations set forth by a specific compliance guide. The templates in CloudControl allow users to harden hosts according to the compliance requirements.

System Templates

CloudControl ships with a number of built-in templates for ESXi and NSX. These templates can not be modified. System templates are displayed on the **System** tab on the Templates page.

Note: The VMware Operations Catalog ESXi and VMware Operations Catalog NSX templates include all of the operations for ESXi and NSX that are supported by CloudControl. These templates are useful in automating the resource hardening process.

Custom Templates

You can make your own custom templates or clone existing system templates to meet your compliance requirements. Custom templates are displayed on the **Custom** tab on the Templates page.

Viewing Templates

To view CloudControl templates:

1. Log in to the CloudControl Management Console.
2. Select **Compliance > Templates**.

The **system** templates display by default on the **System** tab. Click **Custom** to view any custom templates that you have created.

Cloning a Template

1. Select **Compliance > Templates**.
2. On the **System** tab, select the template or templates that you want to clone, and click **Clone**.
The cloned templates are visible on the **Custom** tab with '_copy' appended to the original template name

Creating Templates

1. Select **Compliance > Templates** and click the **Custom** tab.
2. Click **Add**.
3. Type the Name and optional description to use for the template.
4. On the Add Template page, select the Host Type, and then click **Add**.
5. On the Add Operations to Template page, choose the template type from the Type drop-down list.
Note: Select VMware Operations Catalog ESXi to view all ESXi operations, or VMware Operations Catalog NSX to view all possible NSX operations.
6. Choose the operations that you want to apply and click **OK**.
7. Click **OK** to save your changes.

Editing Templates

1. Select **Compliance > Templates** and click the **Custom** tab.
2. Click **Add**.
3. Click the template that you want to modify.
4. On the Edit Template page, modify the template name and description if needed.
5. Optionally do one of the following:
 - Click **Add** to add additional operations to your template.
 - Choose one or more operations and click **Delete** to remove those operations from your template.
 - Click **Copy** to create an additional copy of your template.
6. In the **Assess/Remediate** column, you can click the Assess radio button for any operations marked as Remediate.
7. In the **Name** column, if highlighted, click the Name to view and modify the parameters for the operation.

8. Optionally assign a **Risk Score** for the operation. This can be one of the following:
 - Unassigned (default)
 - Low
 - Medium
 - High
9. Add a **Custom Description**.
10. Click **OK** to save your changes.

Compliance Operations

The following tables provide information about CloudControl compliance operations, their descriptions, and the templates that include them.

vSphere and ESXi Operations 7
 NSX Operations 37

vSphere and ESXi Operations

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0001	VmSnapshot-snapshot-all-vm	Snapshot all virtual machines.	HIPAA ESXi, SOX ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening
0002	TargetVersionChecker-esxi-check-patch-version	Check ESXi patch version	DISA STIG vSphere6.0 ESXi High, HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, SOX ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0003	VmCosSecurer-disable-console-copy-paste-gui-options	Disable copy and paste operations between GuestOS and Remote Console	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, SOX ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0004	EsxiLogRotator-limit-log-number-size	Limit virtual machine log file size and number	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, SOX ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0005	VmHostSecurer-limit-setinfo-size	Prevent GuestOS processes from flooding ESXi host with informational messages.	HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, SOX ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0006	VmDeviceSecurer-disable-unnecessary-functions	Disable unnecessary or superfluous functions (hardware) inside virtual machines.	HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, SOX ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0007	EsxiRemoteSyslogger-enable-remote-syslog	Set up log to a remote logging server	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, ICD 503 INT C ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, SOX ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0008	EsxiNtpSecurer-config-ntp	Configure NTP time synchronization.	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, SOX ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0009	VSwitchSetter-reject-mac-changes-forged-transmit-promiscuous-mode	Ensure that the 'MAC Address Change', 'Forged Transmits', and 'Promiscuous Mode' policies are set to reject.	HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, SOX ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0010	IscsiSecurer-enable-chap-auth	Ensure bidirectional CHAP authentication is enabled for iSCSI traffic. (Note: May take a minute to remediate.)	DISA STIG vSphere6.0 ESXi Low, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, SOX ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0011	HostConfigService-disable-esxi-shell	Disable ESXi Shell unless needed for diagnostics or troubleshooting.	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0012	HostConfigService-disable-ssh	HostConfigService-disable-ssh	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0013	HostConfigService-disable-dcui	Disable DCUI to prevent local administrative control.	HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0014	HostConfigManager-set-shell- timeout	Set a timeout for the ESXi Shell to automatically disabled idle sessions after a predetermined period	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0015	VConfigManager-vpxuser- password-age	Ensure that vpxuser auto-password change meets policy.	HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0016	VConfigManager-vpxuser- password-length	Ensure that vpxuser password meets length policy	HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0017	ImageProfileConfigManager-verify-acceptance-level	Verify Image Profile and VIB Acceptance Levels	DISA STIG vSphere6.0 ESXi High, HIPAA ESXi, NIST SP 800-53r4 High ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0018	VmConfigService-prevent-device-interaction-connect	Prevent unauthorized connection of devices.	DISA STIG vSphere6.0 VM Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0019	VmConfigService-prevent-device-interaction-edit	Prevent unauthorized removal, connection and modification of devices.	DISA STIG vSphere6.0 VM Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0020	VmConfigService-disable-console-dnd	Disable console dnd service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0021	VmConfigService-disable-unexposed-features-autologon	Disable autologon service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0022	VmConfigService-disable-unexposed-features-biosbbs	Disable biosbbs service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0023	VmConfigService-disable-unexposed-features-getcreds	Disable getting credential service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0024	VmConfigService-disable-unexposed-features-launchmenu	disable launching menu service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0025	DisableAutoInstall-disable-autoinstall	Disable tools auto install	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0026	VmConfigService-disable-unexposed-features-memssfss	Disabling memSchedFakeSampleStats service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0027	VmConfigService-disable-unexposed-features-protocolhandler	Disable protocolhandler info service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0028	VmConfigService-disable-unexposed-features-shellaction	Disable shellaction service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0029	VmConfigService-disable-unexposed-features-toporequest	Disable toporequest service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0030	VmConfigService-disable-unexposed-features-trashfolderstate	Disable trashfolderstate service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0031	VmConfigService-disable-unexposed-features-trayicon	Disable trayicon service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0032	VmConfigService-disable-unexposed-features-unity	Disable unity service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0033	VmConfigService-disable-unexposed-features-unity-interlock	Disable unity-interlock service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0034	VmConfigService-disable-unexposed-features-unitypush	Disable unitypush service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0035	VmConfigService-disable-unexposed-features-unity-taskbar	Disable unity taskbar service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0036	VmConfigService-disable-unexposed-features-unity-unityactive	Disable unityactive service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0037	VmConfigService-disable-unexposed-features-unity-windowcontents	Disable unity windowcontents service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0038	AccessToVMConfigService-verify-network-filter	Control access to VMs through the dvfilter network APIs.	HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Moderate ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NIST 800-171 ESXi
0039	AccessToVMConfigService-verify-vm-safe-cpumem-enable	Control access to VMs through CPU memory	HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Moderate ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NIST 800-171 ESXi
0040	AccessToVMConfigService-verify-vm-safe-cpumem-agentport	Control access to VMs through CPU memory agent port	HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Moderate ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NIST 800-171 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0041	AccessToVMConfigService-verify- vmsafe-cpumem-agentaddress	Control access to VMs through CPU memoryagent address	HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Moderate ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NIST 800- 171 ESXi
0042	VmDisableDevices-disconnect- devices-floppy	Disconnect unauthorized floppy devices	DISA STIG vSphere6.0 VM Moderate, HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0043	VmDisableDevices-disconnect- devices-ide	Disconnect unauthorized ide devices	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0044	VmDisableDevices-disconnect-devices-parallel	Disconnect unauthorized parallel devices	DISA STIG vSphere6.0 VM Moderate, HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0045	VmDisableDevices-disconnect-devices-serial	Disconnect unauthorized serial devices	DISA STIG vSphere6.0 VM Moderate, HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0046	VmDisableDevices-disconnect-device-usb	Disconnect unauthorized usb devices	DISA STIG vSphere6.0 VM Moderate, HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0047	VmDisableNonPersistentDisk- disable-independent-nonpersistent	Avoid using independent nonpersistent disks	DISA STIG vSphere6.0 VM High, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0048	HostConfigManager-set-shell- interactive-timeout	Set a timeout to automatically terminate idle ESXi Shell and SSH sessions. The value is in seconds	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0049	HostConfigurator-set-dcui-access	Set DCUI.Access to allow trusted users to override lockdown mode	DISA STIG vSphere6.0 ESXi Low, HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0050	HostConfigurator-verify-dvfilter-bind	Prevent unintended use of dvfilter network APIs	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0051	HostConfigurator-config-firewall-access	Configure the ESXi host firewall to restrict access to services running on the host	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0053	HostConfigurator-config-persistent-logs	Configure persistent logging for all ESXi host	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0054	VmConfigService-disable-unexposed-features-versionget	Disable versionget service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0055	VmConfigService-disable-unexposed-features-versionset	Disable versionset service	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0056	VmConfigService-disable-hgfs	Disable HGFS file transfers	DISA STIG vSphere6.0 VM Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0057	VmConfigService-disable-disk-shrinking-shrink	Disable virtual disk shrinking	DISA STIG vSphere6.0 VM High, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0058	VmConfigService-disable-disk-shrinking-wiper	Disable virtual disk shrinking wiper	DISA STIG vSphere6.0 VM High, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0059	VmConfigService-disable-vix-messages	Disable VIX messages from the VM	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0060	VmConfigService-restrict-host-info	Do not send host information to guests	DISA STIG vSphere6.0 VM Moderate, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0061	VmConfigService-disable-intervm-vmci	disable VM-to-VM communication through VMCI.	HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0062	VmConfigService-limit-console-connections-one-or-two	Limit sharing of console connections. Expected value is either 1 or 2	DISA STIG vSphere6.0 VM Moderate, HIPAA ESXi, NIST SP 800-53r4 High ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0063	VConfigManager-enable-host-profiles	Configure Host Profiles to monitor and alert on configuration changes	HIPAA ESXi, NIST SP 800-53r4 High ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NIST 800-171 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0064	HostSNMPConfigManager-config-snmp	Ensure proper SNMP configuration done	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi
0065	HostUserConfigManager-create-local-admin	Check for a non-root user account for local admin access	HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0066	HostUserConfigManager-limit-cim-access	Do not provide administrator level access (i.e. root) to CIM-based hardware monitoring tools or other 3rd party applications user	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0067	LocalAccountChecker-check-local-accounts	Check local accounts	HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening
0068	TargetTrustChecker-check-trust-status	Check trust status	HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0069	RpvChecker-check-root-password-vaulting	Check root password vaulting	HIPAA ESXi, PCI DSS 2.0 ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0071	HostConfigurator-set-dcui-timeout	Audit DCUI timeout value	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0072	HostLockoutManager-set-account-auto-unlock-time	Set the time after which a locked account is automatically unlocked	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0073	HostLockoutManager-set-account-lockout	Set the count of maximum failed login attempts before the account is locked out	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0074	HostIntraVmTPS-transparentPageSharing-intra-enabled	Ensure default setting for intra-VM TPS is correct	DISA STIG vSphere6.0 ESXi Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0075	VmPCIPassthroughChecker-verify-PCI-Passthrough	Audit all uses of PCI or PCIe passthrough functionality	HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0076	HostLockoutManager-enable-bpdu-filter	Enable BPDU filter on the ESXi host to prevent being locked out of physical switch ports with Portfast and BPDU Guard enabled	DISA STIG vSphere6.0 ESXi Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0077	InterVmTPSManager-TransparentPageSharing-inter-VM-Enabled	Check for enablement of salted VM's that are sharing memory pages	DISA STIG vSphere6.0 VM Low, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0078	DVPortGroupConfigManager-reject-mac-changes-dvportgroup	Ensure that the "MAC Address Changes" policy is set to reject	DISA STIG vSphere6.0 ESXi High, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0079	DVPortGroupConfigManager-reject-forged-transmit-dvportgroup	Ensure that the "Forged Transmits" policy is set to reject	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0080	DVPortGroupConfigManager-reject-promiscuous-mode-dvportgroup	Ensure that the “Promiscuous Mode” policy is set to reject	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0081	DVPortGroupConfigManager-restrict-port-level-overrides	Restrict port-level configuration overrides on VDS	HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0082	VCHostLockdown-audit-exception-users	Audit the list of users who are on the Exception Users List and whether they have administrator privileges	HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0083	VCHostLockdown-enable-normal-lockdown-mode	Enable Normal Lockdown Mode to restrict access	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0084	VCHostLockdown-enable-strict-lockdown-mode	Enable Strict Lockdown Mode to restrict access	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0085	DVSManager-restrict-netflow-usage	Ensure that VDS Netflow traffic is only being sent to authorized collector IPs	HIPAA ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi
0086	EsxiTLSChecker-esxi-disable-oldtls	Disable TLS 1.0 and 1.1 on ESXi Hosts if necessary.	HIPAA ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0087	HostConfigurator-esxi-disable-mob	Disable Managed Object Browser (MOB).	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi
0088	HostConfigurator-set-password-policies	Establish a password policy for password complexity.	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0089	VCConfigManager-verify-nfc-ssl	Enable SSL for Network File copy (NFC).	DISA STIG vSphere6.0 ESXi Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi
0090	VmConfigService-minimize-console-vnc-use	Control access to VM console via VNC protocol.	DISA STIG vSphere6.0 VM Moderate, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0091	DVSHealthCheck-limit-network-healthcheck	Enable VDS network healthcheck only if you need it.	DISA STIG vSphere6.0 ESXi Low, HIPAA ESXi, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi, NIST SP 800-53r4 Moderate ESXi, PCI DSS 3.0 and 3.1 ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi
0092	ESXiDcuiDODBanner-dcui-dod-banner	The system must display the Standard Mandatory DoD Notice and Consent Banner before granting access to the system.	DISA STIG vSphere6.0 ESXi Moderate, ICD 503 INT A ESXi, ICD 503 INT B ESXi, ICD 503 INT C ESXi, GDPR HTCC Hardening, NERC CIP 5.0 ESXi, NIST 800-171 ESXi, NIST SP 800-53r4 High ESXi, NIST SP 800-53r4 Low ESXi, NIST SP 800-53r4 Moderate ESXi, VMware 6.0 ESXi, VMware 6.5 ESXi, VMware 6.7 ESXi, VMware Operations Catalog ESXi, VMware Operations Catalog Matrix ESXi
0093	HostMemoryConfig-mem-allocate-large-Page	Enables backing of guest large pages with host large pages.	VMware 6.0 ESXi, VMware 6.5, VMware 6.7 ESXi
0094	EsxiDiskConfigurater-Disk-Scheduler-With-Reservation	Allows you to reserve IOPS when delivering storage services to virtual machines.	VMware 6.0 ESXi, VMware 6.5, VMware 6.7 ESXi
0095	EsxiDiskConfigurater-Disk-Use-Device-Reset	Use device reset (instead of bus reset) to reset a SCSI device.	VMware 6.0 ESXi, VMware 6.5, VMware 6.7 ESXi
0097	EsxiNFSConfigurator-nfs-max-volume	The maximum number of NFS volumes which can be mounted to an ESXi host.	VMware 6.0 ESXi, VMware 6.5, VMware 6.7 ESXi

Ops ID ASC- vSphere	Operation Name in CloudControl	Description	Templates
0098	EsxiTcplpConfigurator-tcp-ip-configurator	The maximum amount of heap memory, measured in megabytes, which can be allocated for managing VMkernel TCP/IP network connectivity.	VMware 6.0 ESXi, VMware 6.5, VMware 6.7 ESXi
0099	EsxiUserVarConfigurator-suppress-core-dump-warnings	Do not show warning for disabled or unconfigured core dump target.	VMware 6.0 ESXi, VMware 6.5, VMware 6.7 ESXi
0100	EsxiDiskConfigurater-Disk-Use-Lun-Reset	Use LUN reset (instead of device.bus reset) to reset a SCSI device.	VMware 6.0 ESXi, VMware 6.5, VMware 6.7 ESXi
0101	EsxiTcplpConfigurator-tcp-ip-heap-size	The memory size (in MB) which is allocated by the VMkernel to TCP/IP heap. The maximum amount of memory is defined in Net.TcplpHeapMax.	VMware 6.0 ESXi, VMware 6.5, VMware 6.7 ESXi
0102	EsxiUserVarConfigurator-suppress-shell-warnings	Do not show warning for enabled local and remote shell access.	VMware 6.0 ESXi, VMware 6.5, VMware 6.7 ESXi
0103	EsxiVsanConfigurator-vsan-repair-delay	Minutes to wait for absent components to come back before starting repair.	VMware 6.0 ESXi, VMware 6.5, VMware 6.7 ESXi

NSX Operations

Ops ID ASC-NSX	Operation Name in CloudControl	Description	Templates
0001	ValidateCert_ensure-valid-certificates	Ensure that the NSX manager certificate is valid and legitimate	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0002	ControllerConfig_secure-controller-network	Controller network should be secured	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0003	RemoteSyslogger_enable-remote-syslog	Set up log to a remote logging server	DISA STIG NSX 6.2 Moderate, VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0004	SshService-disable-ssh-manager	Disable Secure Shell (SSH) unless needed for diagnostics or troubleshooting purposes	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0005	DnsServerConfig_secure-dns-server	Ensure that IPv4 DNS is authorized and secure	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0006	BackupSettings_backup-excludes	Do not exclude audit logs and system events from backing up	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX

Ops ID ASC-NSX	Operation Name in CloudControl	Description	Templates
0007	BackupSettings_use-sftp	Use SFTP for backup and restoration	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0008	BackupSettings_secure-sftp-server	Ensure that the SFTP server on which backup is done is hardened as appropriate	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0009	DnsServerConfig-disable-ipv6-dns	Ensure IPv6 DNS is disabled/not configured if not in use	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0010	NtpSecurer_enable-ntp	Set up log to a remote logging server	DISA STIG NSX 6.2 Low, VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0011	SshGateway_disable-ssh-gateway	Disable Secure Shell (SSH) unless needed for diagnostics or troubleshooting purposes	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0012	PatchVersionChecker-keep-nsx-patched	Follow VMware Security Advisories and apply patches	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX

Ops ID ASC-NSX	Operation Name in CloudControl	Description	Templates
0013	OspfBgpAuthentication_enable-md5	Enable in-protocol MD5 authentication for OSPF and password for BGP	DISA STIG NSX 6.2 Moderate, VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0014	DnsServerConfig-disable-ipv6	Ensure IPv6 is disabled/not configured if not in use	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0015	BackupSettings_secure-backup-dir	No read or write permissions on backup directory	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0016	DVPortGroupConfigManager-reject-forged-transmit-dvportgroup	Ensure that the "Forged Transmits" policy is set to reject	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0017	DVPortGroupConfigManager-reject-mac-changes-dvportgroup	Ensure that the "MAC Address Changes" policy is set to reject	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0018	DVPortGroupConfigManager-reject-promiscuous-mode-dvportgroup	Ensure that the "Promiscuous Mode" policy is set to reject	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX

Ops ID ASC-NSX	Operation Name in CloudControl	Description	Templates
0019	DSwitchConfigManager-restrict-vds-access	Restrict access to vSphere distributed switch	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX
0020	VxlanConfig_use-srcid-lb-option	Choose Load Balance - SRCID for the VXLAN vmknic teaming policy	VMware Operations Catalog Matrix NSX, VMware Operations Catalog NSX