



Defining Notifications

Defining Notifications - Set virtualization host automatically

TITLE	Defining Notifications
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VMWare

```

UPDATE tHosts SET VirtualServer = CONCAT(ServiceHostName, ' - ', DataCenterName, ' - ', ESXHostName)
FROM    tESXVirtualMachine,    tESXHost,    tHosts,    tESXComputeResource,    tESXDataCenterHostFolder,
tESXDataCenter, tESXFolder, tESXServiceDocu, tESXDataCenterFolder, tDomains AS HostDomain, tESXService,
tDomains AS ESXDomain, tESXVmHwNic, tESXVmHardware,
(
    select tNetworkAdapter.*, tHosts.HostID, tDomains.AccountID from tNetworkAdapter, tDocu, tHosts,
tDomains
    where tNetworkAdapter.AdapterID in (
        select tNetworkAdapterConfiguration.AdapterID from tNetworkAdapterConfiguration)
    and tNetworkAdapter.DocuID = tDocu.DocuID
    and tDocu.Archiv = 0
    and tDocu.HostID = tHosts.HostID
    and tDomains.DomainID = tHosts.DomainID
) as vNetworkAdapter
WHERE tESXVmHwNic.MacAddress = vNetworkAdapter.MacAddress
and tHosts.HostID = vNetworkAdapter.HostID
AND tESXVirtualMachine.HostIdentifier = tESXHost.Identifier
AND tESXComputeResource.ComputeResourceID = tESXHost.ComputeResourceID
AND tESXDataCenterHostFolder.HostFolderID = tESXComputeResource.HostFolderID
AND tESXDataCenter.DataCenterID = tESXDataCenterHostFolder.DataCenterID
AND tESXFolder.ESXFolderID = tESXDataCenter.ESXFolderID
AND tESXServiceDocu.DocuID = tESXFolder.DocuID
AND tESXDataCenterFolder.DataCenterID = tESXDataCenter.DataCenterID
AND tESXDataCenterFolder.FolderID = tESXVirtualMachine.FolderID
AND tESXServiceDocu.Archiv = 0
AND tHosts.DomainID = HostDomain.DomainID
AND tESXServiceDocu.ServiceID = tESXService.ServiceID
AND tESXService.DomainID = ESXDomain.DomainID
AND tESXVmHardware.VirtualMachineID = tESXVirtualMachine.VirtualMachineID
AND tESXVmHwNic.VmHardwareID = tESXVmHardware.VmHardwareID
AND HostDomain.AccountID = ESXDomain.AccountID
AND vNetworkAdapter.AccountID = HostDomain.AccountID
AND ESXDomain.AccountID = {ACCOUNT}           --Filtering on the selected company
AND HostDomain.AccountID = {ACCOUNT}           --Filtering on the selected company

```

The statement adds the following information as a virtualization host:

- ESX Service Name (the inventoried vCenter).
- Data Center Name
- ESX Host

Furthermore, within the statement, the last two columns filter on the account/company for which the notification task is set up. If there are multiple companies in your Docusnap database and you do not want to set up a separate notification task for each, then simply remove the last two lines.

Hyper-V-Legacy

```

update tHosts set VirtualServer = tHVNode.Name
from tHosts, tHVNode, tHVComputerSystem, tHVDocu, tDocu, tHVSystemService, tDomains AS HostDomain,
tDomains AS HyperVDomain, tHVVirtualSystemSettings, tHVEthernet,
(
    select tNetworkAdapter.*, tHosts.HostID, tDomains.AccountID from tNetworkAdapter, tDocu, tHosts,
tDomains
    where tNetworkAdapter.AdapterID in (
        select tNetworkAdapterConfiguration.AdapterID from tNetworkAdapterConfiguration)
    and tNetworkAdapter.DocuID = tDocu.DocuID
    and tDocu.Archiv = 0
    and tDocu.HostID = tHosts.HostID
    and tDomains.DomainID = tHosts.DomainID
) as vNetworkAdapter
where tHVNode.HVNodeID = tHVComputerSystem.HVNodeID
and tHosts.HostID = vNetworkAdapter.HostID
and tHVComputerSystem.HVComputerSystemID = tHVVirtualSystemSettings.HVComputerSystemID
and tHVEthernet.HVVirtualSystemSettingsID = tHVVirtualSystemSettings.HVVirtualSystemSettingsID
and vNetworkAdapter.MACAddress = tHVEthernet.Address
and tHosts.HostID = tDocu.HostID
and tHVNode.HVDocuID = tHVDocu.HVDocuID
and tHVSystemService.HVSystemServiceID = tHVDocu.HVSystemServiceID
and tDocu.Archiv = 0
and tHVDocu.Archiv = 0
and tHosts.DomainID = HostDomain.DomainID
and tHVSystemService.DomainID = HyperVDomain.DomainID
and HostDomain.AccountID = HyperVDomain.AccountID
and HostDomain.AccountID = vNetworkAdapter.AccountID
and HyperVDomain.AccountID = {ACCOUNT}           -- Filtering on the selected company
and HostDomain.AccountID = {ACCOUNT}             -- Filtering on the selected company

```

The statement adds the HyperV host. The statement is based on the legacy inventory.

Furthermore, the last two columns within the statement filter on the account/company for which the notification task is set up. If there are multiple companies in your Docusnap database and you do not want to set up a notification task for each of them, simply remove the last two lines.

Citrix Hypervisor

```

UPDATE tHosts SET VirtualServer = tXenHost.Name
FROM tXenHost, tXenHostVMs, tXenPoolDocu, tHosts, tXen, tDomains AS HostDomain, tDomains AS XenDomain,
tXenVMNICs,
(
    select tNetworkAdapter.*, tHosts.HostID, tDomains.AccountID from tNetworkAdapter, tDocu, tHosts,
tDomains
    where tNetworkAdapter.AdapterID in (
        select tNetworkAdapterConfiguration.AdapterID from tNetworkAdapterConfiguration)
    and tNetworkAdapter.DocuID = tDocu.DocuID
    and tDocu.Archiv = 0
    and tDocu.HostID = tHosts.HostID
    and tDomains.DomainID = tHosts.DomainID
) as vNetworkAdapter
WHERE tXenHost.HostID = tXenHostVMs.HostID
and tHosts.HostID = vNetworkAdapter.HostID
and tXenVMNICs.MAC = vNetworkAdapter.MACAddress
AND tXenVMNICs.VMID = tXenHostVMs.VMID
AND tXenPoolDocu.DocuID = tXenHost.DocuID
and tHosts.DomainID = HostDomain.DomainID
and tXenPoolDocu.XenID = tXen.XenID
and tXen.DomainID = XenDomain.DomainID
and HostDomain.AccountID = XenDomain.AccountID
and vNetworkAdapter.AccountID = HostDomain.AccountID
AND tXenPoolDocu.Archiv = 0
and XenDomain.AccountID = {ACCOUNT}          -- Filtering on the selected company
and HostDomain.AccountID = {ACCOUNT}          -- Filtering on the selected company

```

The statement adds the Xen host.

Furthermore, within the statement, the last two columns filter on the account/company for which the notification task is set up. If there are multiple companies in your Docusnap database and you do not want to set up a separate notification task for each, then simply remove the last two lines.

Nutanix

```

UPDATE tHosts
SET VirtualServer = h.Name
FROM tHosts
JOIN tDocu ON tDocu.HostID = tHosts.HostID
    AND tDocu.Archiv = 0
JOIN tDomains AS HostDomain ON HostDomain.DomainID = tHosts.DomainID
JOIN (
    SELECT na.*, h.HostID, dom.AccountID
    FROM tNetworkAdapter na
    JOIN tDocu doc ON doc.DocuID = na.DocuID AND doc.Archiv = 0
    JOIN tHosts h ON h.HostID = doc.HostID
    JOIN tDomains dom ON dom.DomainID = h.DomainID
    WHERE na.AdapterID IN (
        SELECT cfg.AdapterID FROM tNetworkAdapterConfiguration cfg
    )
) AS vNetworkAdapter ON vNetworkAdapter.HostID = tHosts.HostID
JOIN tNtnxVMNicSpecDTO nic ON nic.MacAddress = vNetworkAdapter.MACAddress
JOIN tNtnxClusterVMs vm ON vm.NtnxClusterVMID = nic.NtnxClusterVMID
JOIN zNtnxDocu nd ON nd.DocuID = vm.DocuID AND nd.Archiv = 0
JOIN tNtnxCluster nx ON nx.NtnxClusterID = nd.NtnxClusterID
JOIN tDomains AS NtnxDomain ON NtnxDomain.DomainID = nx.DomainID
JOIN tNtnxClusterHosts h ON h.DocuID = vm.DocuID
    AND h.Uuid = vm.HostUuid
WHERE HostDomain.AccountID = NtnxDomain.AccountID
    AND HostDomain.AccountID = vNetworkAdapter.AccountID
    AND NtnxDomain.AccountID = {ACCOUNT}      -- Filtering on the selected company
    AND HostDomain.AccountID = {ACCOUNT}      -- Filtering on the selected company

```

The statement adds the Nutanix host.

Furthermore, the last two columns within the statement filter on the account/company for which the notification task is set up. If there are multiple companies in your Docusnap database and you do not want to set up a notification task for each of them, simply remove the last two lines.

Hyper-V

```

UPDATE tHosts
SET VirtualServer = s.Name
FROM tHosts
JOIN tDocu ON tDocu.HostID = tHosts.HostID
AND tDocu.Archiv = 0
JOIN tDomains AS HostDomain ON HostDomain.DomainID = tHosts.DomainID
JOIN (
    SELECT na.*, h.HostID, dom.AccountID
    FROM tNetworkAdapter na
    JOIN tDocu doc ON doc.DocuID = na.DocuID AND doc.Archiv = 0
    JOIN tHosts h ON h.HostID = doc.HostID
    JOIN tDomains dom ON dom.DomainID = h.DomainID
    WHERE na.AdapterID IN (
        SELECT cfg.AdapterID FROM tNetworkAdapterConfiguration cfg
    )
) AS vNetworkAdapter ON vNetworkAdapter.HostID = tHosts.HostID
JOIN tHyperVVMNetworkAdapter vmna ON vmna.MacAddress = vNetworkAdapter.MACAddress
JOIN tHyperVVirtualMachine vm ON vm.HyperVVirtualMachineID = vmna.HyperVVirtualMachineID
JOIN zHyperVDocu hvd ON hvd.DocuID = vm.DocuID AND hvd.Archiv = 0
JOIN tHyperVServer s ON s.HyperVServerID = hvd.HyperVServerID
JOIN tDomains AS HyperVDomain ON HyperVDomain.DomainID = s.DomainID
WHERE HostDomain.AccountID = HyperVDomain.AccountID
AND HostDomain.AccountID = vNetworkAdapter.AccountID
AND HyperVDomain.AccountID = {ACCOUNT} -- Filtering on the selected company
AND HostDomain.AccountID = {ACCOUNT} -- Filtering on the selected company

```

The statement adds the Hyper-V host.

Furthermore, the last two columns within the statement filter on the account/company for which the notification task is set up. If there are multiple companies in your Docusnap database and you do not want to set up a notification task for each of them, simply remove the last two lines.

Proxmox

```

UPDATE tHosts
SET VirtualServer = n.Node
FROM tHosts
JOIN tDocu ON tDocu.HostID = tHosts.HostID
AND tDocu.Archiv = 0
JOIN tDomains AS HostDomain ON HostDomain.DomainID = tHosts.DomainID
JOIN (
    SELECT na.*, h.HostID, dom.AccountID
    FROM tNetworkAdapter na
    JOIN tDocu doc ON doc.DocuID = na.DocuID AND doc.Archiv = 0
    JOIN tHosts h ON h.HostID = doc.HostID
    JOIN tDomains dom ON dom.DomainID = h.DomainID
    WHERE na.AdapterID IN (
        SELECT cfg.AdapterID FROM tNetworkAdapterConfiguration cfg
    )
) AS vNetworkAdapter ON vNetworkAdapter.HostID = tHosts.HostID
JOIN tProxVMNICs nic ON nic.Virtio = vNetworkAdapter.MACAddress
JOIN tProxVMs vm ON vm.ProxVMsID = nic.ProxVMsID
JOIN zProxDocu pd ON pd.DocuID = vm.DocuID AND pd.Archiv = 0
JOIN tProxmox px ON px.ProxmoxID = pd.ProxmoxID
JOIN tDomains AS ProxDomain ON ProxDomain.DomainID = px.DomainID
JOIN tProxNodeVMs nvm ON nvm.ProxVMsID = vm.ProxVMsID
JOIN tProxNodes n ON n.ProxNodesID = nvm.ProxNodesID
WHERE HostDomain.AccountID = ProxDomain.AccountID
AND HostDomain.AccountID = vNetworkAdapter.AccountID
AND ProxDomain.AccountID = {ACCOUNT} -- Filtering on the selected company
AND HostDomain.AccountID = {ACCOUNT} -- Filtering on the selected company

```

The statement adds the Proxmox host.

Furthermore, the last two columns within the statement filter on the account/company for which the notification task is set up. If there are multiple companies in your Docusnap database and you do not want to set up a notification task for each of them, simply remove the last two lines.

LIST OF FIGURES

FIG. 1 - ACCESSING THE NOTIFICATION DEFINITIONFEHLER! TEXTMARKE NICHT DEFINIERT.

VERSION HISTORY

Date	Description
1/3/2016	Statement modified (2.4.6)
3/3/2017	List of figures modified
24/10/2018	Screenshots updated; Statement modified (2.4.5, 2.4.7 und 2.4.8); Insert Version history
29/04/2020	Version 2.0 - Revision of the HowTo for Docusnap 11
19/12/2022	Version 3.0 – Revision of the HowTo for Docusnap 12
13/11/2023	Version 4.0 – Revision of the HowTo for Docusnap 13
15/12/2025	Version 4.1 - Adding an application example (Entra ID app update)
08/12/2026	Version 4.2 – Maintenance tasks expanded to include Nutanix, Hyper-V and Proxmox

