# Work instruction: Distributed Cache status

This document describes the work instruction of the daily check “Distributed Cache Status”. The goal of this work instruction is to check the status of the distributed cache in the environment.

# Involved servers

|  |  |  |
| --- | --- | --- |
| Acceptance | Production | Disaster Recovery |
|  |  |  |

# Steps

|  |  |
| --- | --- |
| Step | Screenshot |
| Step 1:  Open a RDP session to the Admin server |  |
| Step 2:  Open the SharePoint Management Shell |  |
| Step 3:  Run the following PowerShell commands:  Use-CacheCluster  Get-CacheHost |  |
| Step 4:  Check if all servers have the status “UP”.  If this isn’t the case: Create an incident to have this corrected. |  |
| Step 5:  Run the following PowerShell commands:  Get-SPServiceInstance | ? {($\_.service.tostring()) -eq "SPDistributedCacheService Name=AppFabricCachingService"} | Select Server, Status |  |
| Step 6:  Check if all servers have the status “Online”.  If this isn’t the case: Create an incident to have this corrected. |  |
| Step 7:  Run the following PowerShell commands:  Get-CacheClusterHealth |  |
| Step 8:  Check there are no entries under “Unallocated named cache fractions”.  If this isn’t the case: Create an incident to have this corrected. |  |
| Step 9:  Record your findings in the “Registration list Periodic Checks” |  |

# Automatic check

This check is part of the Periodic Checks script, which means the above checks do not have to be performed manually. Analysis will take place by reviewing the generated e-mail and taking actions if issues are reported.

# resolution

Try restarting the AppFabric service by executing the following cmdlets:

Connect-AFCacheClusterConfiguration

Restart-AFCacheCluster

More information:

* <https://blogs.technet.microsoft.com/filipbosmans/2015/09/07/how-to-check-for-issues-with-distributed-cache-and-the-script/>
* <https://blogs.technet.microsoft.com/filipbosmans/2015/12/07/troubleshooting-distributed-cache-for-sharepoint-2013-on-premise/>
* <https://technet.microsoft.com/en-us/library/jj219613.aspx#Repair>