Troubleshooting Nomad Content Delivery

Document Purpose and Conventions

This document has the following aims:

- To provide instructions to delegates to enable completion of the practical training labs
- Where relevant, provide guidance which can be used during real world implementations

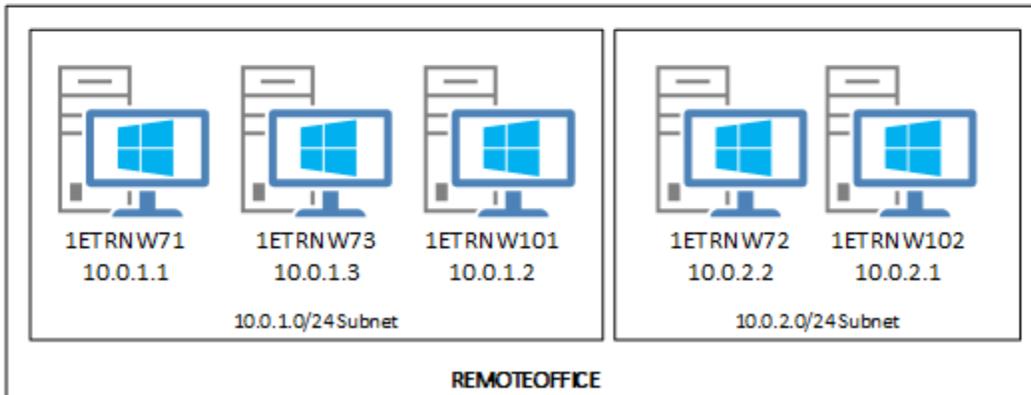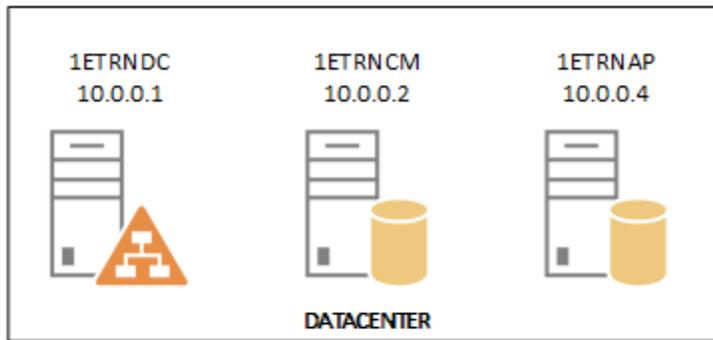The following conventions are used to highlight important information.

Warning

Hot Tip

Best practice

Discussion point

Indicates the virtual machine that should be used for the exercise or task.

Lab Information

The lab environment consists of the following computers:

Computer	Role	Subnet	AD Site
1ETRNDC	Domain controller for the 1ETRN.LOCAL domain. The ConfigMgr package source folder is located on this server.	10.0.0.0/24	Datacenter
1ETRNCM	ConfigMgr server with a local SQL instance. All ConfigMgr roles are installed in this server.	10.0.0.0/24	Datacenter
1ETRNAP	Application server that will host the ActiveEfficiency server and database. SQL is installed locally.	10.0.0.0/24	Datacenter
1ETRNW71	Windows 7 client computer	10.0.1.0/24	RemoteOffice
1ETRNW72	Windows 7 client computer	10.0.2.0/24	RemoteOffice
1ETRNW73	Windows 7 client computer	10.0.1.0/24	RemoteOffice
1ETRNW101	Windows 10 client computer	10.0.1.0/24	RemoteOffice
1ETRNW102	Windows 10 client computer	10.0.2.0/24	RemoteOffice

| 1ETRNDC | 1ETRNCM | 1ETRNAP |
| 10.0.0.1 | 10.0.0.2 | 10.0.0.4 |

DATACENTER

| 1ETRNW71 | 1ETRNW73 | 1ETRNW101 | 1ETRNW72 | 1ETRNW102 |
| 10.0.1.1 | 10.0.1.3 | 10.0.1.2 | 10.0.2.2 | 10.0.2.1 |

10.0.1.0/24 Subnet | 10.0.2.0/24 Subnet

REMOTEOFFICE

> ✓ The password for all accounts used in the lab environment is: Passw0rd

> ⊘ Ignore any patching popups on our servers. We have deliberately left them unpatched to show patching via Patch Success and/or Nomad

Unless otherwise indicated, logon to the lab VMs using the following accounts

System	Account
1ETRNDC	1ETRN\Administrator
1ETRNAP	1ETRN\AppInstaller
1ETRNCM	1ETRN\SCCMAdmin
1ETRNW71	1ETRN\User
1ETRNW72	1ETRN\User
1ETRNW73	1ETRN\User
1ETRNW101	1ETRN\User

Troubleshooting Nomad Content Delivery

This mini lab will guide you through the steps to troubleshoot software installation failure when using System Center Configuration Manager and Nomad for content delivery. This lab focuses on five scenarios where software installation failed. The steps walk you through stepping through the logs to determine exactly what failed and shows how to resolve the failure. This lab is not meant to be an exhaustive listing of possible failures but is designed to give you a framework to build on when you are doing actual production troubleshooting.

Lab Overview

In this lab you will deploy software to devices and trace the content flow to determine why the software did not install.