Module 3

Domain Setup

About This Module

This module is an introduction to Active Directory focusing on the topic about domain setup. It explains the basic important concepts of domain setup including “domain join”, “DC Promote”, “DC Demote”, and the general procedure to implement the operations. Besides the principle explanation, this module also introduces troubleshooting tools and steps, and also common issues faced in this field.

This module contains following training methods

* Video Lecture,
* Operation Demo,
* Follow Me Lab,
* Document Reading,
* Self-check Quiz,
* Troubleshooting Simulation,
* 1:1 with mentor.

Please follow the steps in **Agenda** session to study this module.

Audience

This course is intended for Microsoft Support Professionals ONLY.

Before You Begin

Before starting this course, you should:

* Finish the study of all the modules before this one.
* Setup your lab machine as instructed in Module-1.
* Prepare an earphone or study in an isolated room to ensure video lecture will not affect others.

What You Will Learn

After completing this module, you will be able to:

* Explain basic concepts related about setup a domain.
* Master the principle of promote/demote DC, join/quit domain.
* Setup a domain by using different methods as requested.
* Use troubleshooting tool for domain setup.
* Provide troubleshooting steps, and analyze debug log.
* Explain common errors in domain setup.

Agenda

This module is composed in the following sections, please follow strictly to ensure your learning quality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Topic | Format | Length mins | Material |
| 1 | Prologue of Module-3 | VIDEO | 5 | M3-video-prologue.mp4 |
| 2 | Concepts about domain join | VIDEO | 10 | M3-video-joindomainconcept.mp4 |
| 3 | Join domain demo | DEMO | 10 | M3-demo-joindomain.mp4 |
| 4 | Practice Join domain | LAB | 15 | M3-lab-joindomain.docx |
| 5 | Details about domain join | READING | 60 | * JoinDomainandDCpromo.pptx (P2~P17) * <http://technet.microsoft.com/en-us/library/bb456990.aspx> |
| 6 | Log analysis | DEMO | 20 | M3-demo-joindomainloganalysis.mp4 |
| 7 | Practice analyze log | LAB | 30 | M3-lab-joindomainloganalysis.docx |
| 8 | Quit domain demo | DEMO | 10 | M3-demo-quitdomain.mp4 |
| 9 | Details about Quit domain | READING | 5 | * JoinDomainandDCpromo.pptx (P18~P19) |
| 9 | Practice quit domain | LAB | 10 | M3-lab-quitdomain.docx |
| 10 | Troubleshoot a real problem | SIMULATION | 30 | M3-simulation-joindomain.docx |
| 11 | Checkpoint | QUIZ | 15 | M3-quiz-joindomain.pptx |
|  |  |  |  |  |

1. Prologue of Module-3 (M3-video-prologue.mp4)
2. Concepts about domain join (M3-video-joindomainconcept.mp4)
3. Join domain demo (M3-demo-joindomain.mp4)
4. Practice Join domain
5. Details about domain join (JoinDomainandDCpromo.pptx P2~P17; <http://technet.microsoft.com/en-us/library/bb456990.aspx>)
6. Log Analysis (M3-log-joindomainloganalysis.docx)
7. Quit domain introduction (M3-intro-quitdomain.docx)
8. Details about Quit domain (JoinDomainandDCpromo.pptx P15)
9. Practice quit domain
10. Log Analysis (M3-log-quitdomainloganalysis.docx)
11. Concept about promote DC (M3-intro-promote.docx)
12. Read dcpromo introduction (s2154A\_03.doc; <http://technet.microsoft.com/en-us/library/cc781771(v=ws.10).aspx>; JoinDomainandDCpromo.pptx P18~P24)
13. Practice promote
14. Log Analysis (M3-log-promoteDCloganalysis.docx)
15. Demote DC introduction (M3-intro-demote.docx)
16. Demote DC readings (<http://technet.microsoft.com/en-us/library/cc740017(v=ws.10).aspx>; JoinDomainandDCpromo.pptx P25~P28; <http://support.microsoft.com/kb/332199>; <http://support.microsoft.com/kb/216498> )
17. Practice Demote
18. Log Analysis (M3-log-demoteDCloganalysis.docx)

Quiz