



# SERVER SYSTEMS IN UNITED NATIONS DPKO

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# Now Let's Do Some Practical Labs!





# Learning Objectives

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By the End of this session, participants should be able to:

- Identify components of the Rapid Deployment Van and their use.
- Identify the major parts of any Physical Server.
- Install the Windows Remote Server Administration Tools(RSAT).
- Navigate and Support AD objects in a UN-DPKO Production Domain.
- Join and Remove a Computer from the Domain.

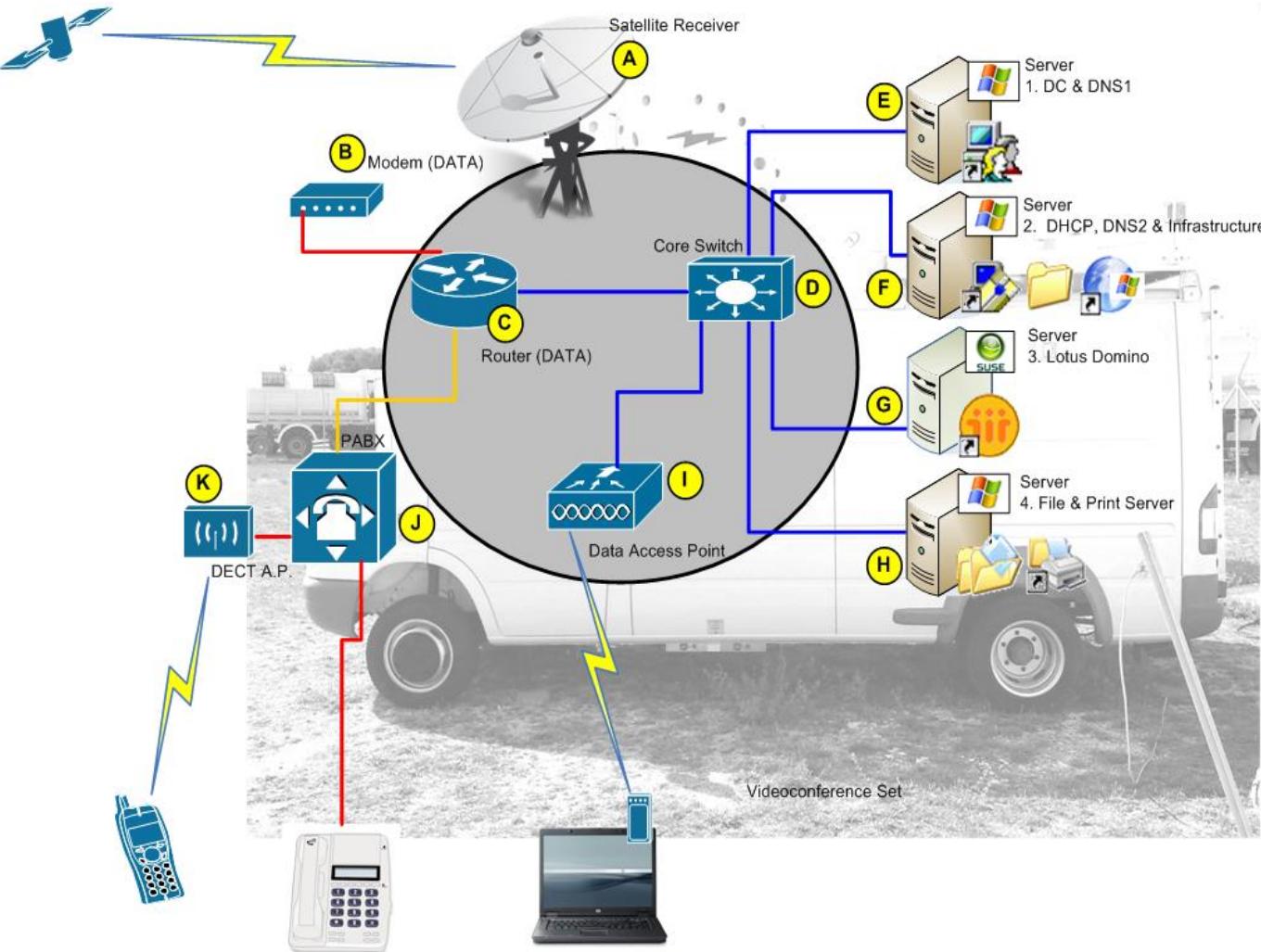
# The Rapid Deployment/(MDTS) Van

- A Self contained Fully equipped standby Mobile Data Center.
- Provides Voice, Data & VTC in shortest time & any location.
- Provides Full WAN & LAN services in emergencies.
- Provides Both Wired & Wireless network in immediate LAN.



# Rapid Deployment Van (MDTS) Components

- Satellite Receiver(A)
- Modem(B)
- Microwave Antenna
- Aprisa
- Router (C)
- Switch(D)
- Servers & Printer(E-H)
- Data Access Point(I)
- PABX & Phones(J)
- Dect Access Point(K)
- Tetra BTS (MTS 1-4)
- VTC Set
- Generator, UPS



# Identifying Server Parts

- Let us disassemble a Server and see it's major parts.
- Identify:
  - a) The CPU
  - b) RAM
  - c) Storage
  - d) NICs
  - e) Power Supply
  - f) Fan



# Installing Windows 7 RSAT Tools

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- Check if Windows 7 RSAT Tools are already installed
- Check your Operating System Type: 32-Bit or 64-bit?
- Go to the (D:) Drive; Open the Folder: Windows 7 RSAT
- Install Respective Package.
- Control Panel
- Programs & Features > Turn Windows Features on or Off
- Remote Server Administration Tools > Role Administration Tools > AD DS Tools  
>Select Appropriate.
  
- Active Directory Administrative Center
- AD DS Snap In and Command Line Tools
- DHCP
- DNS





# Accessing Thru Administrative Tools

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- Start
- Administrative Tools
- Check available options
- Select Active Directory Users and Computers
- A Walk through Active Directory Objects

- Important: The “Find” Feature.
- Users, groups, vs Computers, OUs
- Domains etc.



# Creating a Domain User

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- Right Click OU where you want to create user.
- Select New > User
- Enter details as per organization policies.
- Add to respective AD Groups to assign permissions/rights.
- Add Description, office or any other details.
  
- OR
- Right Click a user with similar rights > Copy
- Enter details as per organization policies.
- Add Description, office or any other details.



# Resetting User Password & Unlock

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- Right Click user.
- Select Reset Password...
- Prompt User to change password at next logon

- UNLOCK
- Right Click User
- Select Properties
- Select Account Tab
- Put check mark in “Unlock account”.



# Joining a Computer to a Domain

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- Click Start
- Right Click Computer
- Click Change Settings (Alongside Computer Name)
- Click the Last button “Change”
- Select Radio Button “Domain” and Type “MILSIGNAL.ORG”
- Type a Username and Password that has RIGHTS to join a computer to a domain.
- Enter
- Click Ok to close all open windows and;
- Restart the Machine

# Removing a Computer from a Domain

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- **A MUST DO**: Reset the Administrator Password OR make sure you know it before Removing the Computer from the Domain.
- Click Start
- Right Click Computer & choose Properties
- Click Change Settings (Alongside Computer Name)
- Click the Last button “Change”
- Select Radio Button “Workgroup” and Type “WORKGROUP”
- Type any Username and Password.
- Enter
- Click Ok to close all open windows and;
- Restart the Machine

# End Of Session

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