Intel® vPro™ Technology

Intel® Active Management Technology

Setup and Configuration

Intel System Board – DQ35JOE
Small Business Mode
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Table of Contents

• Client Information
• Setup and Configuration
Client Information

The following Setup and Configuration instruction as based on an Intel® Desktop Board.

Product Details – Intel System Board DQ35JOE

Depending on your motherboard and firmware version, you may have a different interface or experience then what is listed in this presentation.

Regardless, the following information should give you the basic steps for configuring any Intel® vPro™ client in Small Business mode.
What is Setup and Configuration?

Setup and Configuration is the process that makes Intel® Active Management Technology features accessible to management applications.

Before management applications can access an Intel® Active Management Technology device, the device must be populated with various configuration settings such as usernames, passwords, network parameters, Transport Layer Security (TLS) certificates (applies to Enterprise Mode), and keys necessary for secure communications.
Setup and Configuration
Setup and Configuration

- Power on the Intel® vPro™ client
- To enter Setup, press: F2
- Select: Intel ® ME
- Enter the Password admin
Setup and Configuration

- Select: Change Intel® ME Password
- This is only required for initial setup and Configuration
- Password needs to be at least 8 characters, using upper and lower case letters, numbers, and symbols.
- Example: Acmec0rp!
- Type your password again to Verify.
Setup and Configuration

- This is the Intel® Management Engine main screen where you can make changes to the:
  - Intel® Management Engine Configuration
  - Intel® Active Management Technology Configuration
  - Virtual Appliance Configuration
  - Change Intel® Management Engine Password
Setup and Configuration

- Select: Intel® Management Engine Configuration
Setup and Configuration

- Select: Manageability Feature
- Select: Intel® AMT
Setup and Configuration

- Select: Turn On Intel® ME in Sleep States
- Select: Always/Enabled
Setup and Configuration

- More options will now appear in the table.
- Select: Intel® ME After Power Failure
- Select: Power On
Setup and Configuration

- Select Intel ® ME WOL
- Select Enable
Setup and Configuration

- Select: Idle Timeout
- Set Idle Timeout to: 1
- Hit ESC to return to the Management Engine Main Screen
Setup and Configuration

- Select: Intel® Active Management Technology Configuration
Setup and Configuration

- Insert Windows computer name. Our example is: vpro-pc1

- **Important Note:**
  - In DHCP mode: The computer name must match the computer name in Windows
  - In Static IP mode: The computer name must be different than the computer name in Windows.
  - TCP/IP Configuration will be discussed in the upcoming slides.
Setup and Configuration

- Select: TCP/IP
Setup and Configuration

- Select: Domain Name
- Set the Domain Name for the Client. Our example is: vprodemo.com
Setup and Configuration

- DHCP should be Enabled by default. However, if it is not a single stroke of the Enter key will toggle DHCP between enabled and disabled. We recommend enabling DHCP.

- Hit the ESC key once to return to the previous page.
Setup and Configuration

- Select: Provisioning Configuration
Setup and Configuration

- Select: Provisioning Model
- Select: Small-Medium Business
- Hit the ESC key once to return to the previous page.
Setup and Configuration

- Select: SOL/IDER Configuration
Setup and Configuration

- Select: SOL/IDER Authentication Mode
- Select: User Name and Password
- Hit the ESC key once to return to the previous screen.
Setup and Configuration

- Select:
  PRTC Configuration
Setup and Configuration

- You usually will not need to do anything in this screen. Just check to make sure it appears as at right. If it is different then select: SET PRTC then enter in the system time in Greenwich Mean Time format.

- Hit the ESC key twice to return to the Management Engine Main Screen.
Setup and Configuration

- Set Username & Password to: [*] Enabled

[ESC]=Exit  [↑↓]=Select  [ENTER]=Access

Username & Password
[ ] DISABLED  [*] ENABLED
Setup and Configuration

- Set Serial Over LAN to: [*] Enabled
Setup and Configuration

- Set IDE Redirection to: [*] Enabled
Setup and Configuration

- Select: Secure Firmware Update
Setup and Configuration

- Set to: [*] ENABLED

Secure Firmware Update
Set PRTC
Idle Timeout
Return to Previous Menu

[ESC]=Exit  [↑↓]=Select  [ENTER]=Access

[ ] DISABLED
[*] ENABLED
Setup and Configuration

- Select: PRTC

[ INTEL(R) AMT CONFIGURATION ]
Host Name
TCP/IP
Um-Provision
SOL/IDE-R
Secure Firmware Update
[ ESC ]=Exit
Idle Timeout
[ ↑↓ ]=Select
Return to Previous Menu
[ ENTER ]=Access
Setup and Configuration

- Can usually leave blank but if different then shown, change PRTC to:
  YYYY:MM:DD:HH:MM:SS
Setup and Configuration

- Select: Idle Timeout
Setup and Configuration

- Normally leave unchanged but if not 0 change to: 0
Setup and Configuration

- Scroll Down and Select: Return to Previous Menu
Setup and Configuration

- To Exit the Main Menu Select: Exit
Setup and Configuration

- Press Y to Confirm Exit
- Once you Confirm Exit the system will restart and your settings will be in effect.