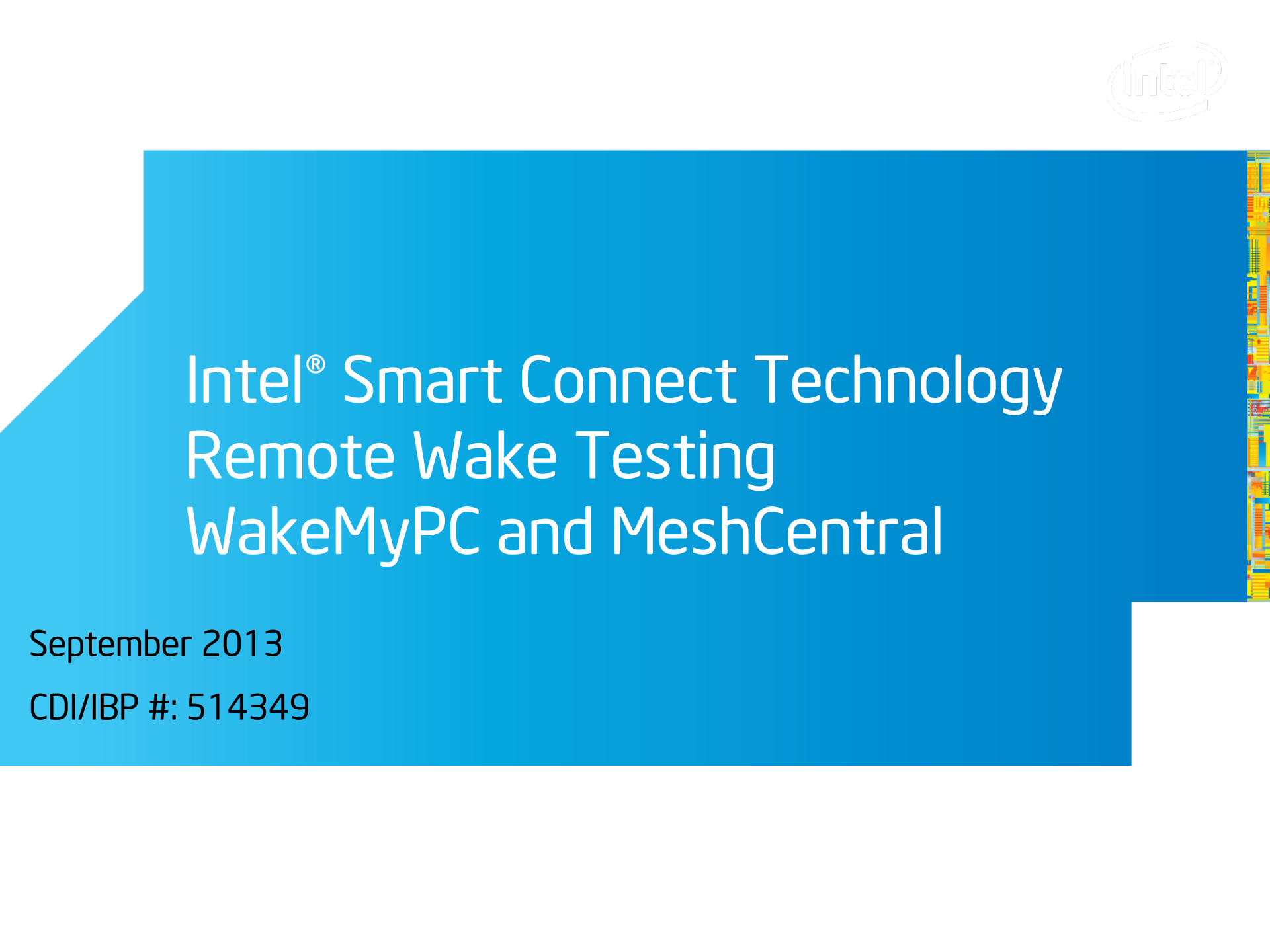
Intel® Smart Connect Technology
Remote Wake Testing
WakeMyPC and MeshCentral
September 2013
CDI/IBP #: 514349

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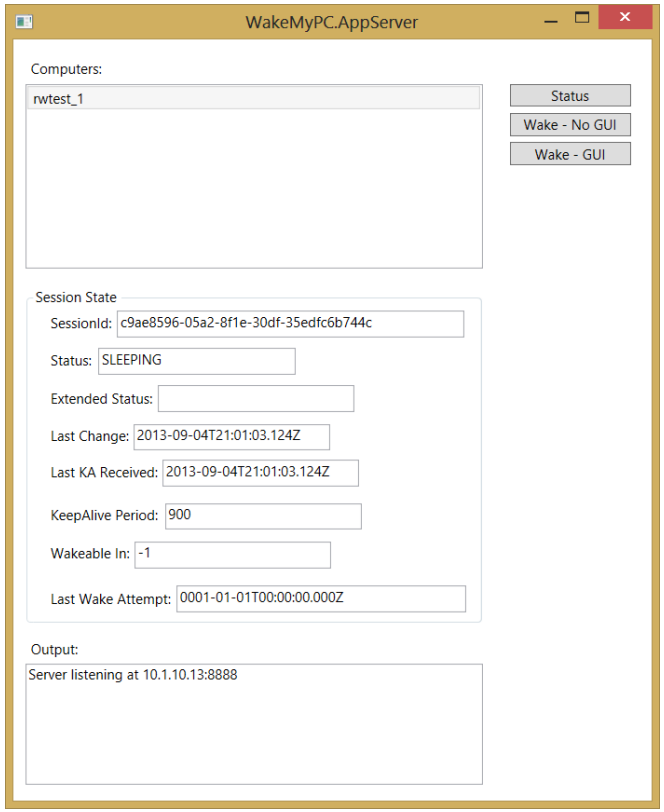
What is WakeMyPC?

- WakeMyPC is a client/server application for testing Remote Wake platform enablement
- It's free to use for anyone
- Developed by the iSCT customer enablement team
- Server application supports multiple Client platforms



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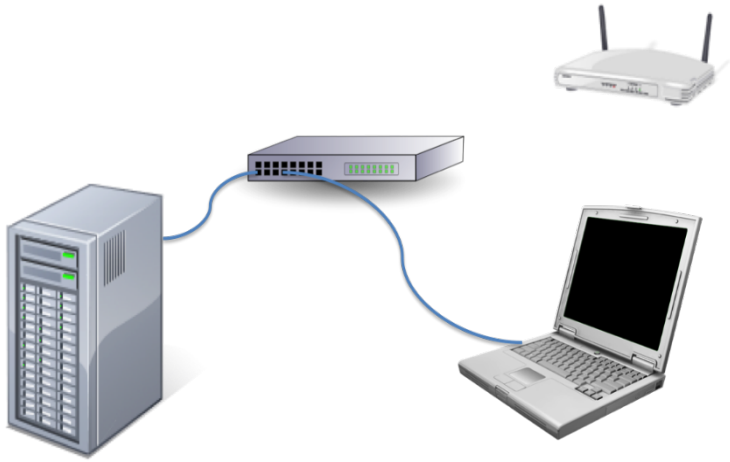
WakeMyPC Requirements

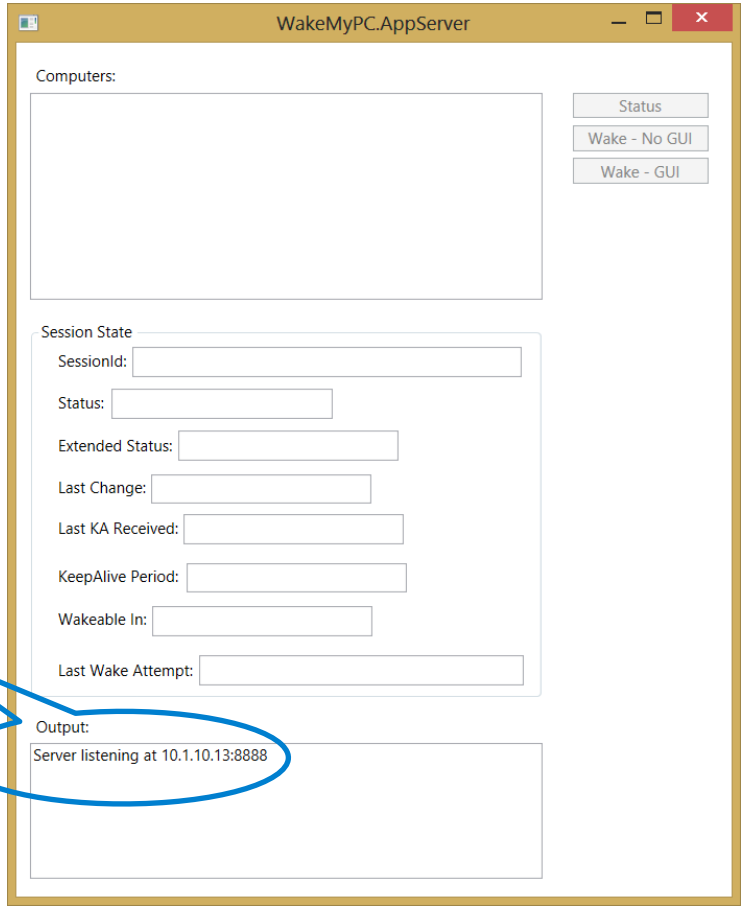
- Two platforms:
  - Server: Win7 SP/Win8 platform (LAN or WLAN)
  - Remote Wake Client: Win8/Win8.1 platform with Remote Wake Enabled LAN and or WLAN
  - Windows* Firewall disabled on both platforms
  - Internet Connection with no proxy server(s)



WakeMyPC Server

On the server platform:

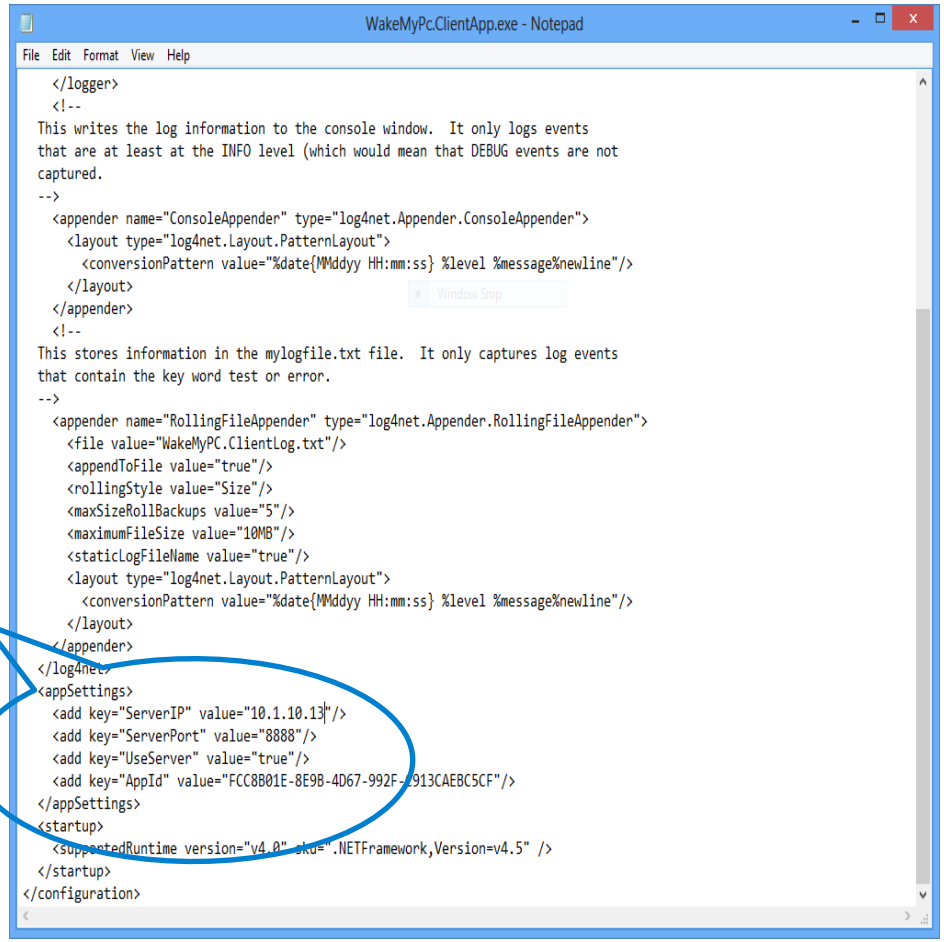
- Change directory to the WakeMyPC.Appserver
- Invoke the application WakeMyPC.AppServer.exe
- Application will print in the Output text box the IP address being used. Note this address as it will be required for the WakeMyPC Client application



WakeMyPC Client

On the Remote Wake Client Platform:

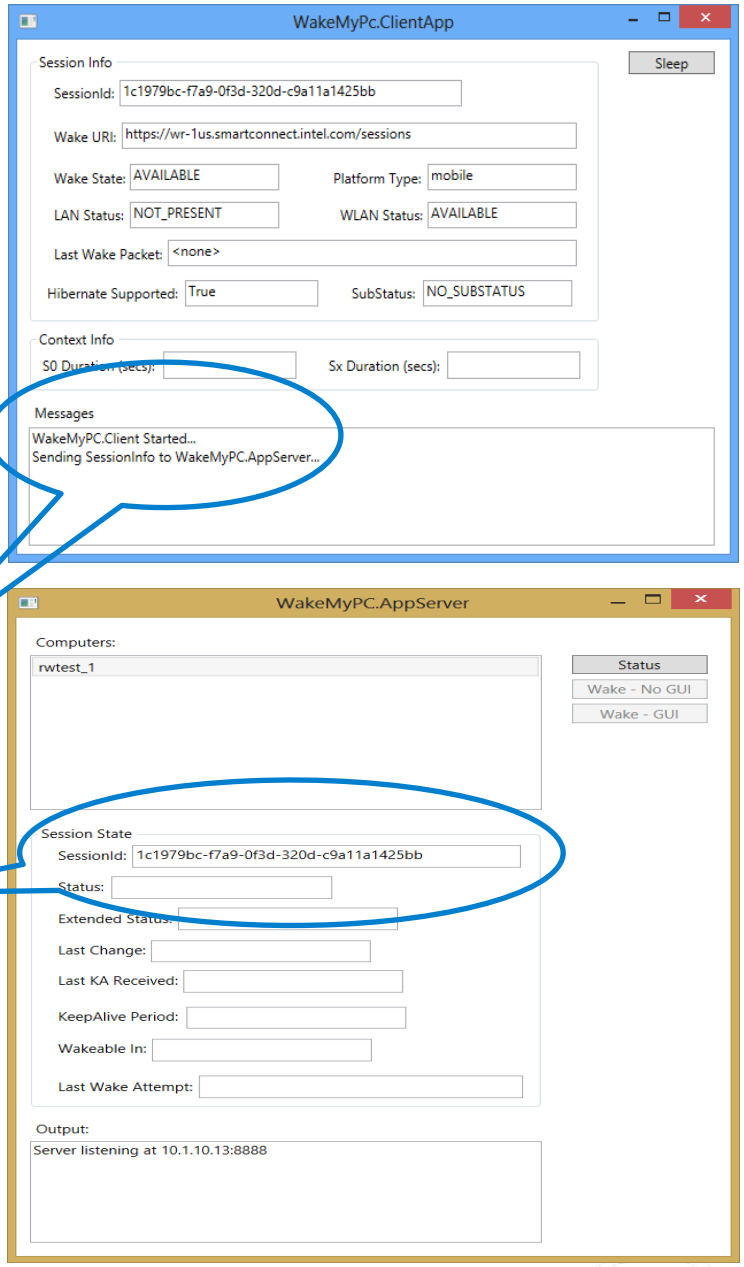
- Change directory to the WakeMyPC.ClientApp
- Edit the file: WakeMyPc.ClientApp.exe.config
- At the bottom of the file in the "<appSettings>" section, change the value of the "ServerIP" to match the IP Address displayed in the in the server application
- Save the file



WakeMyPC Client

On the Remote Wake Client Platform:

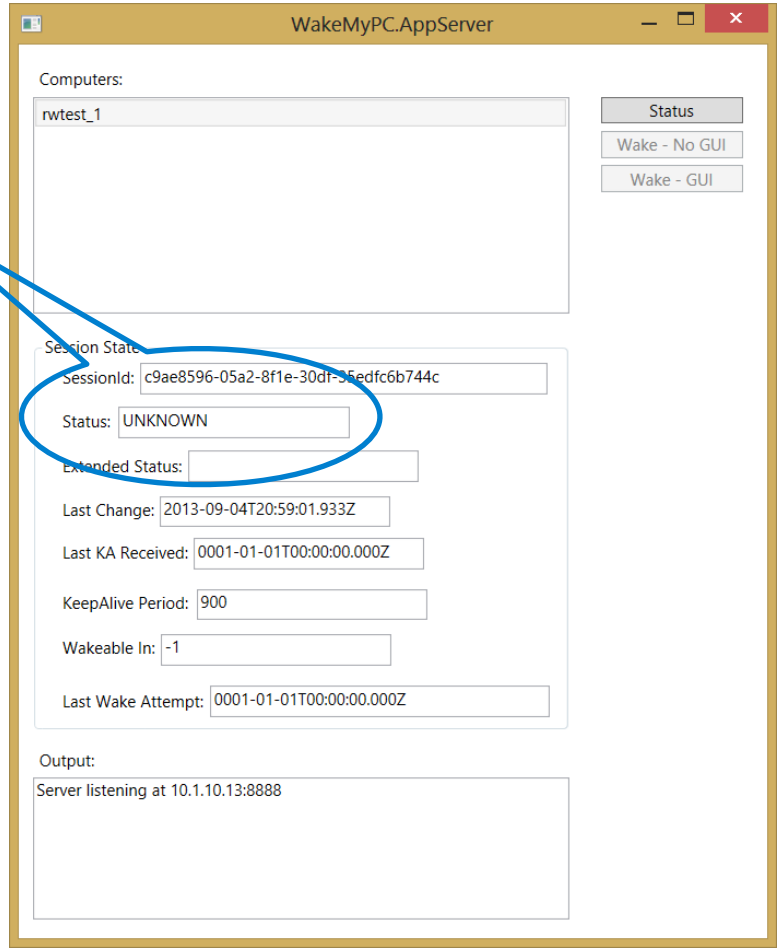
- Change directory to the WakeMyPC.ClientApp
- Invoke the file: WakeMyPC.ClientApp.exe
- Upon invocation, the application will display the current session information and send this to the WakeMyPC.AppServer.
- When the WakeMyPC.AppServer receives the session information, it will display the computer name, SessionId and enable the “Status” button



WakeMyPC Server

On the Server Platform:

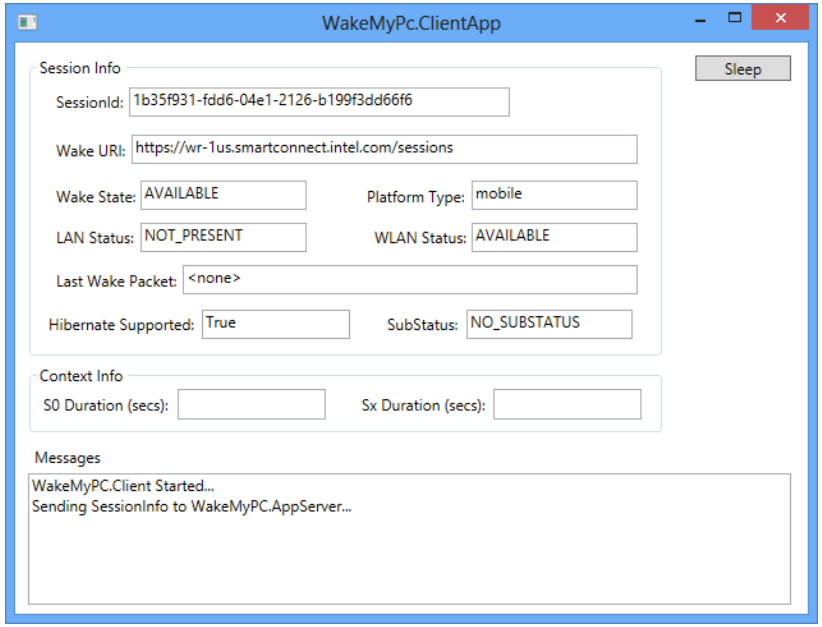
- Click the "Status" button and verify in the Session State information that the Client platform status is "UNKNOWN". This state indicates that the Client platform is not in the sleeping state



WakeMyPC Client

On the Remote Wake Client Platform:

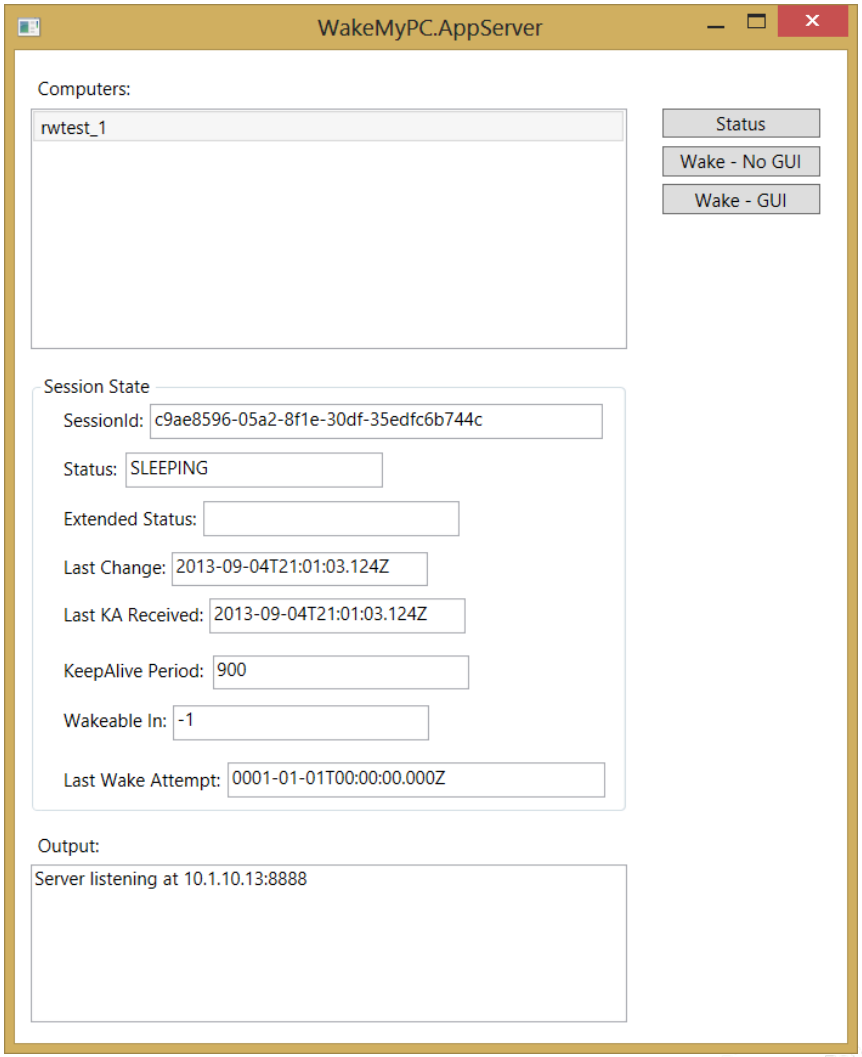
- Click the “Sleep” button to place the platform into S3 sleep state



WakeMyPC Server

On the Server Platform:

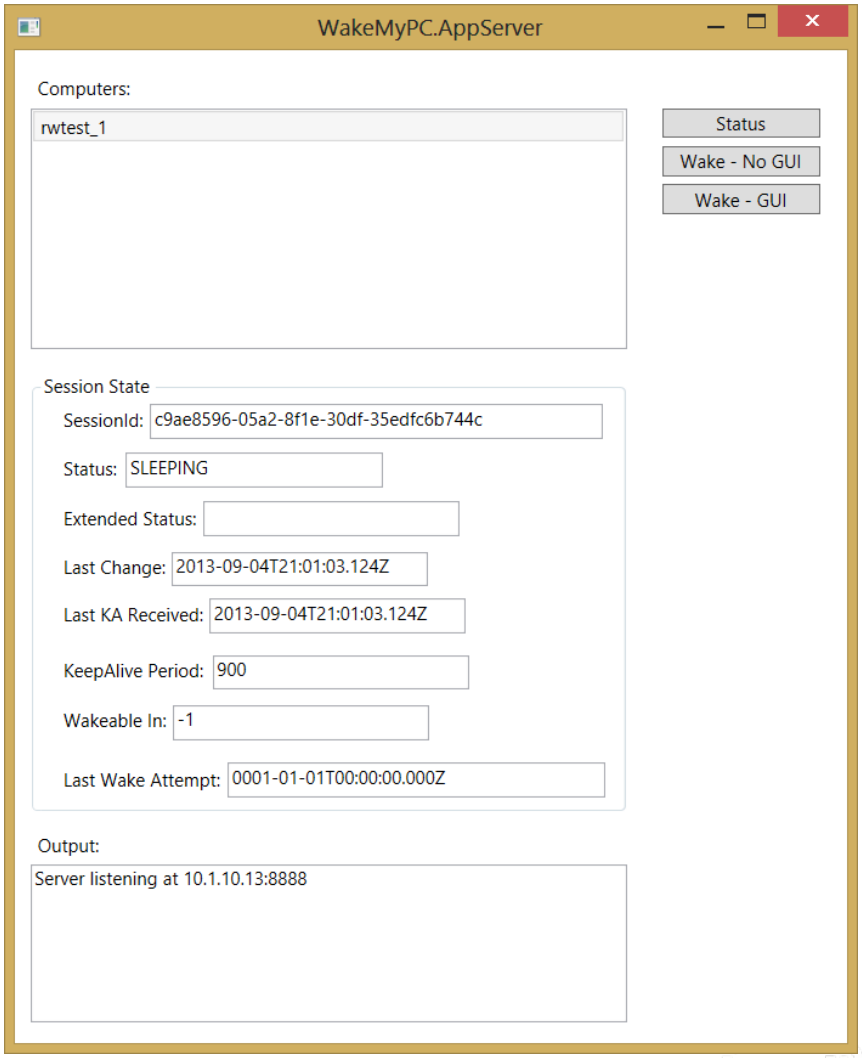
- Once the Client platform is in the sleep state for a minute or two, click the “Status” button to check the Status of the Client platform. When the Status field of the Session State reports “SLEEPING”, the two buttons under the Status button will be enabled to wake the platform.



WakeMyPC Server

On the Server Platform:

- Two wake requests are now available:
  - Click the "Wake – No GUI" button to send a wake request to the Client platform to have it wake and keep the display off and audio muted
  - Click the "Wake – GUI" button to send a wake request to the Client platform to have it wake and turn on the display and audio un-muted. When the wake occurs, there will be 3 beeps played



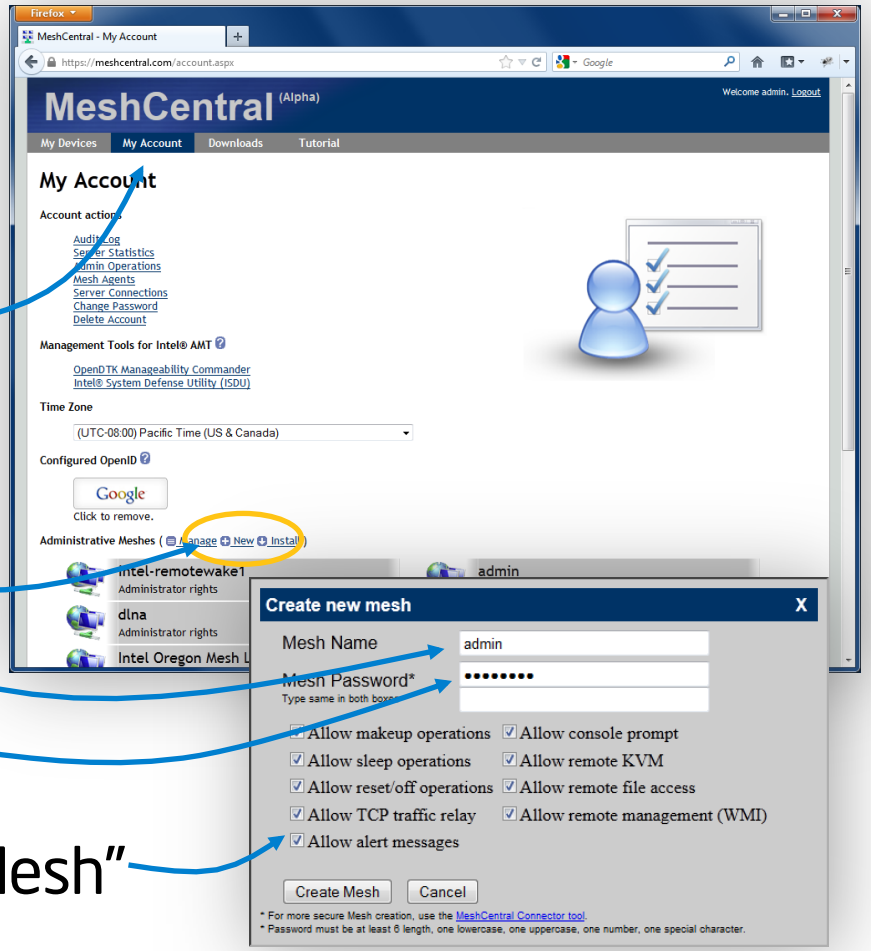
What is MeshCentral?

- MeshCentral is a web based remote management web site
- It's free to use for anyone
- Development is ongoing

For feedback/questions about MeshCentral please email: *ylian.saint-hilaire@intel.com*

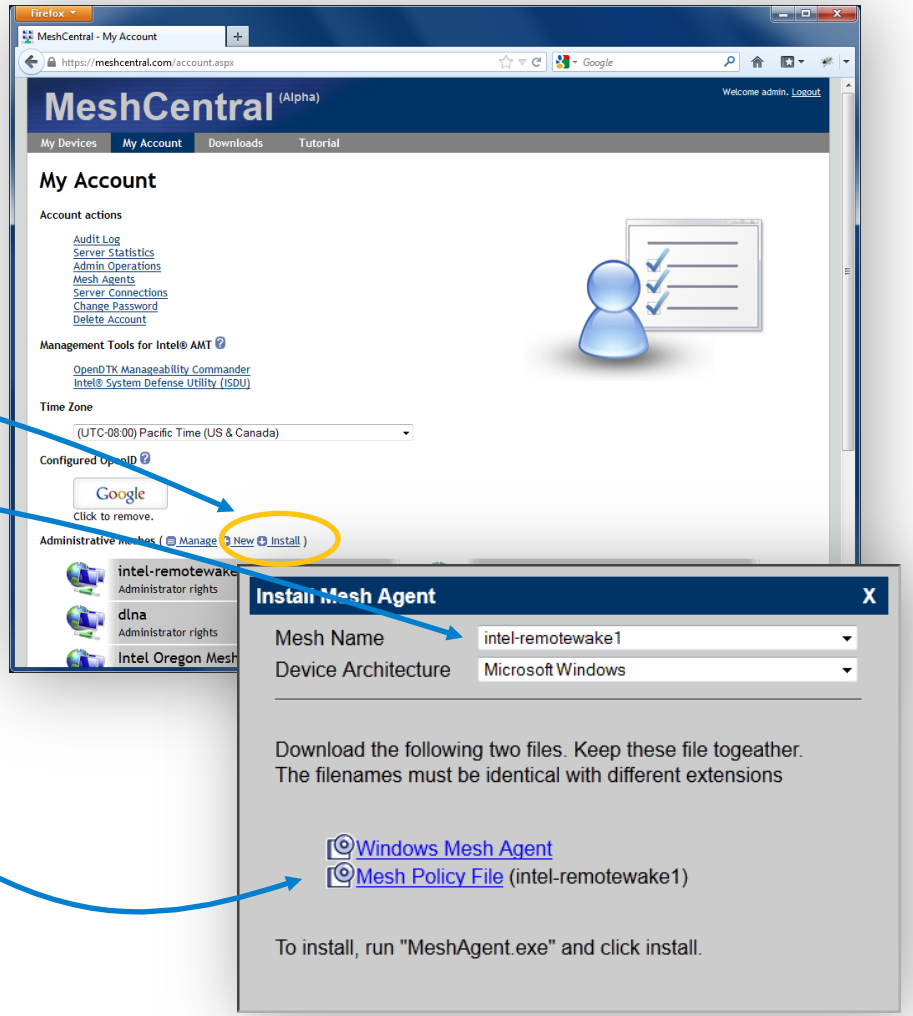
MeshCentral – Creating a Mesh

- Go to MeshCentral.com
- Create a new account
- Click the “Account” tab
- Click on “New”
- Type a mesh name
- Type in a mesh password
- Select all options & “Create Mesh”



MeshCentral – Downloading the agent

- Click “Install”
- Select the mesh
- Download both files



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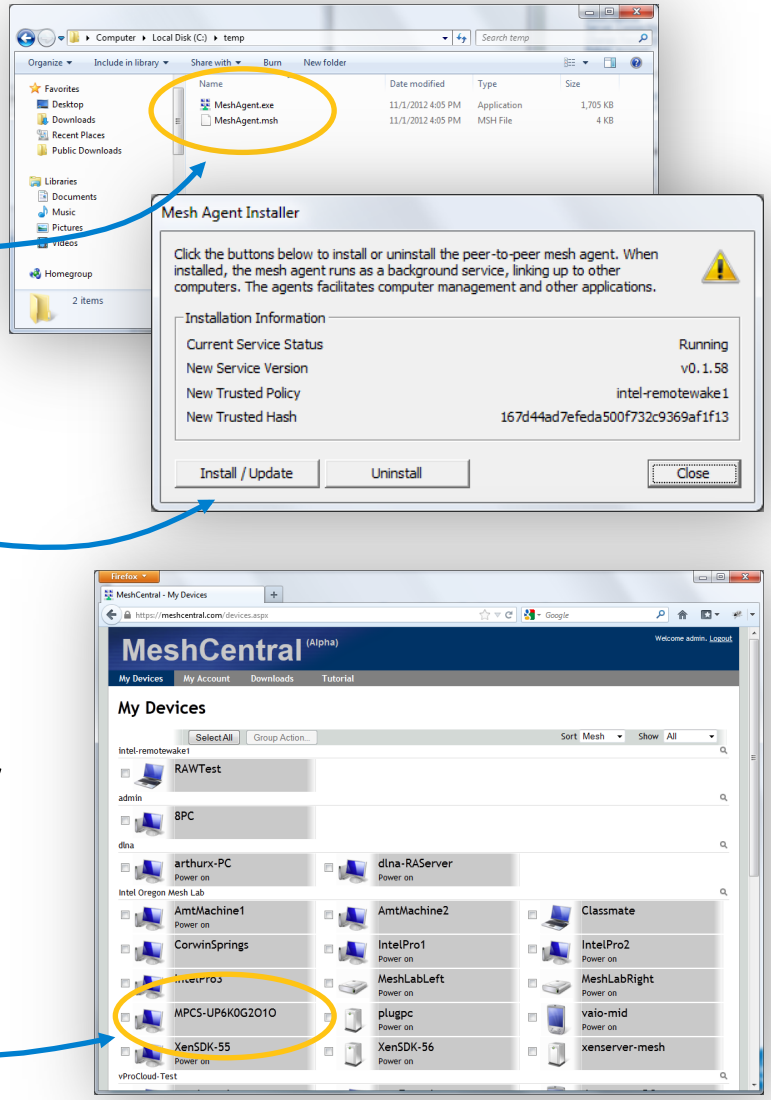
MeshCentral – Installing the agent

- Both files in same folder
- Run MeshAgent.exe
- Click “Install / Update”
- Wait one minute…
- New machine in “My Devices”



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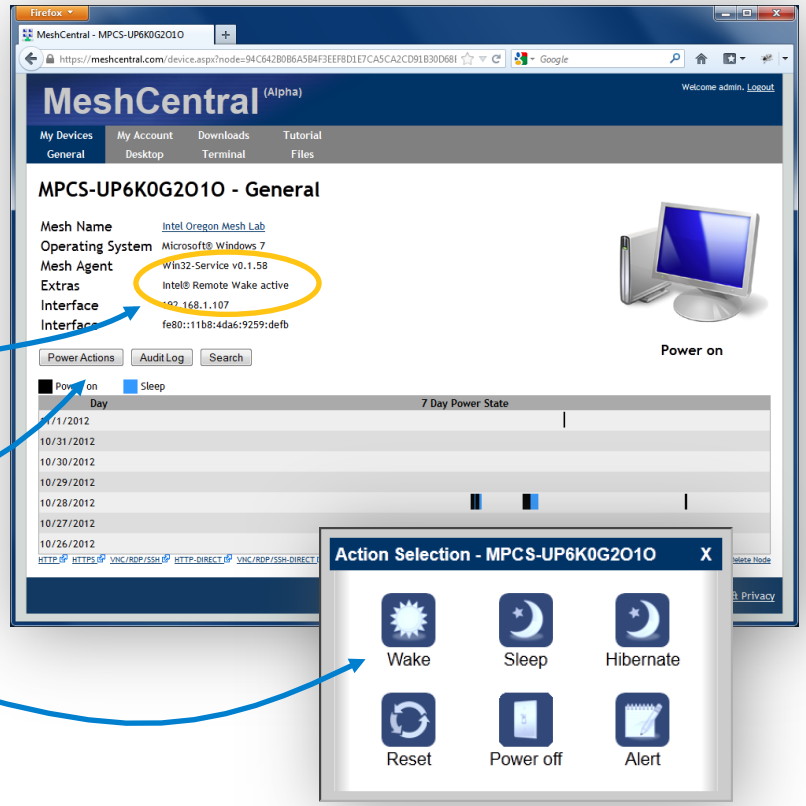
MeshCentral.com – Performing power control

- Check “Intel Remote Wake”
- Click on “Power Actions”
- Click “Wake” or “Sleep”



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MeshCentral.com – Mobile Options

Use a mobile device or tablet to monitor and control power state

- On Android, search “Meshcentral” on Google Play
- On any mobile device https://meshcentral.com/m
- On iOS, use the mobile site and “Add to Home Screen”

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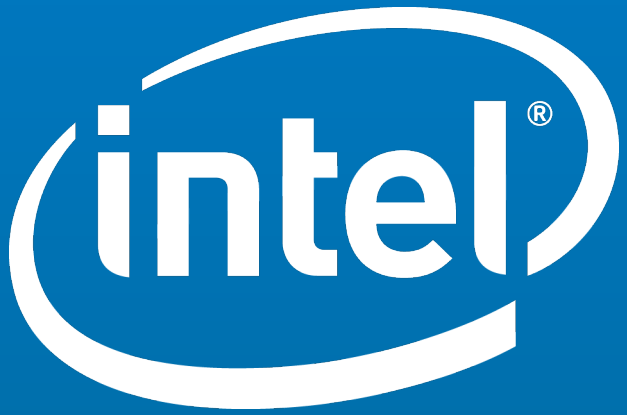
MeshCentral – Online Tutorials

Tutorial videos are available on YouTube

- Intel® Smart Connect Technology Remote Wake Video
  http://www.youtube.com/watch?v=Yt-3BlCp0tE
- MeshCentral – Getting Started
  http://www.youtube.com/watch?v=t4U_lHkBzyA
- MeshCentral – Using features
  http://www.youtube.com/watch?v=5ZZ-m_mOV5E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