



# Installing and using ADTD to draw a Visio diagram of an Exchange environment

**BUILD ON**

“How-to” procedure for Exchange 2010 SP1 and later

# Agenda

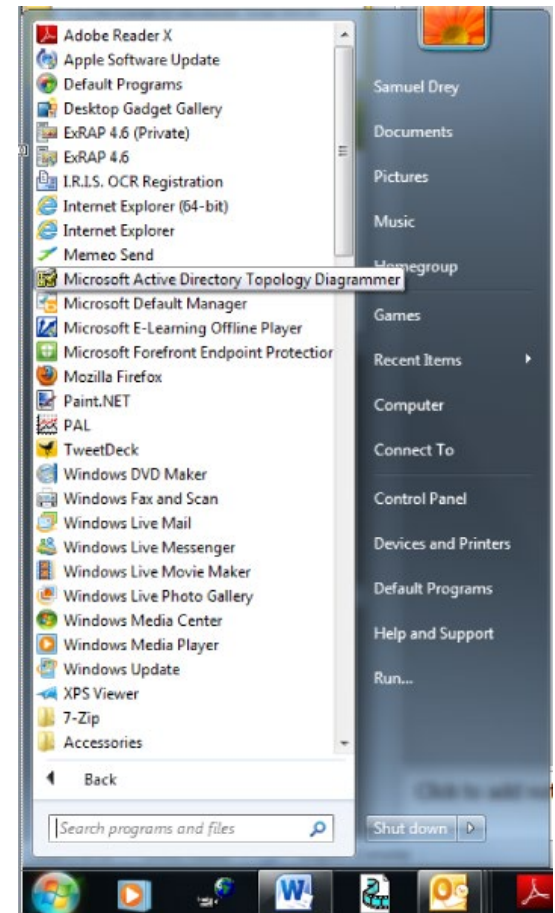
- Note : For Exchange information gathering, we only need to configure TABs that appear in this procedure :
  - Domains, Sites, Exchange and Servers
- Agenda is the following :
  - Prerequisites for Active Directory Topology Diagrammer
  - Launch ADTD
  - Enter a GC IP or Hostname
  - Complete the Domains TAB
  - Complete the Sites TAB
  - Complete the Exchange TAB
  - Complete the Servers TAB

# Prerequisites for Active Directory Topology Diagrammer

- **Supported Operating Systems:**Windows 2000 Server;Windows 7;Windows Server 2003;Windows Server 2003 R2 (32-Bit x86);Windows Server 2003 R2 x64 editions;Windows Server 2008;Windows Server 2008 R2;Windows Vista;Windows XP;Windows XP 64-bit
- Microsoft .NET Framework Version 2.0
- Microsoft Office Visio 2003 or newer
- => When you are ready with these prerequisites, download ADTD from here :
  - [ADTD from Samdrey's Github repository](#)

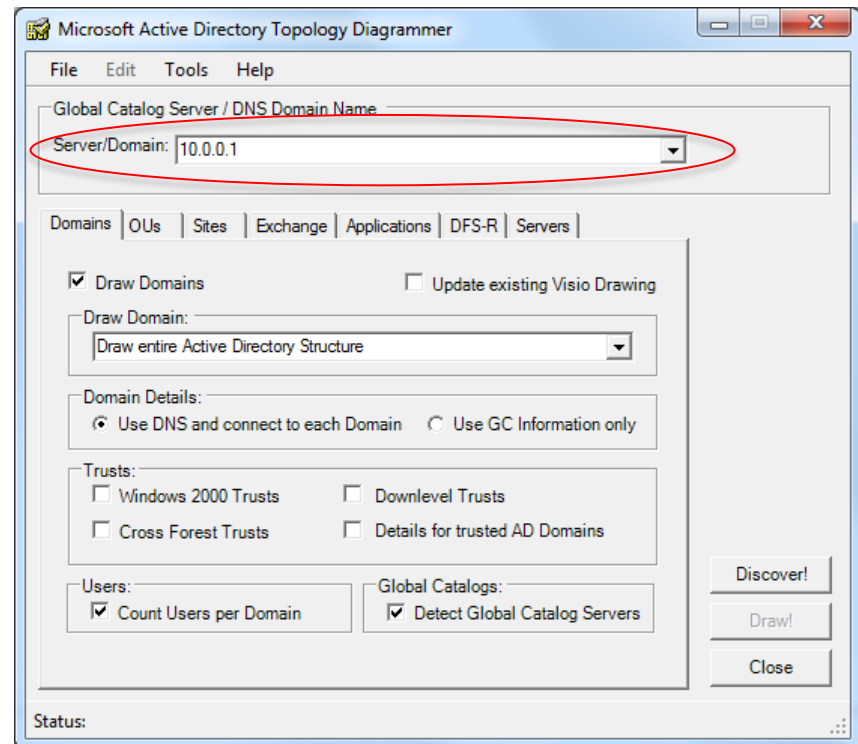
# Launch ADTD

- Start Menu -> Microsoft Active Directory Topology Diagrammes



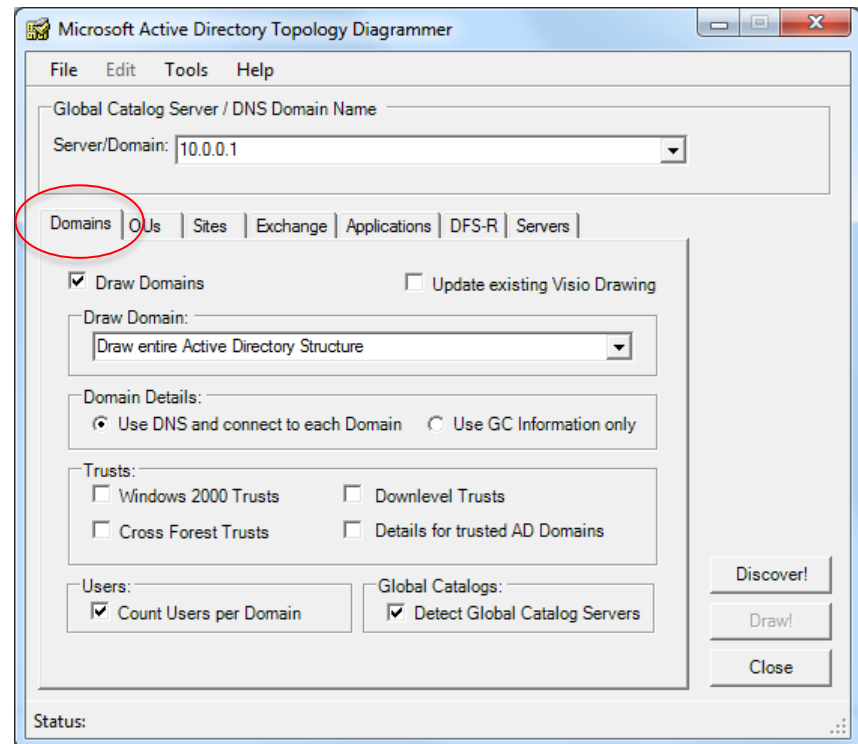
# Enter a GC IP or Hostname

- First, put a GC's IP or Hostname in the Server/Domain field



# Complete the Domains TAB

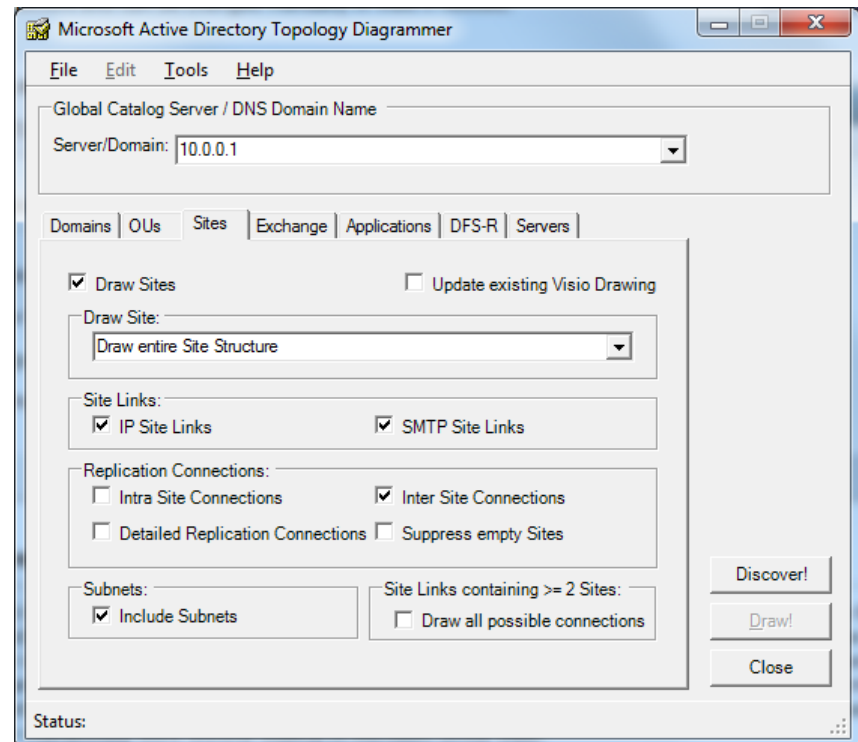
- Check the following boxes :
  - **Draw Domains**
  - Users :
    - **Count Users per Domain**
  - Global Catalogs :
    - **Detect Global Catalog Servers**



# Complete the Sites TAB

- Check the following boxes :

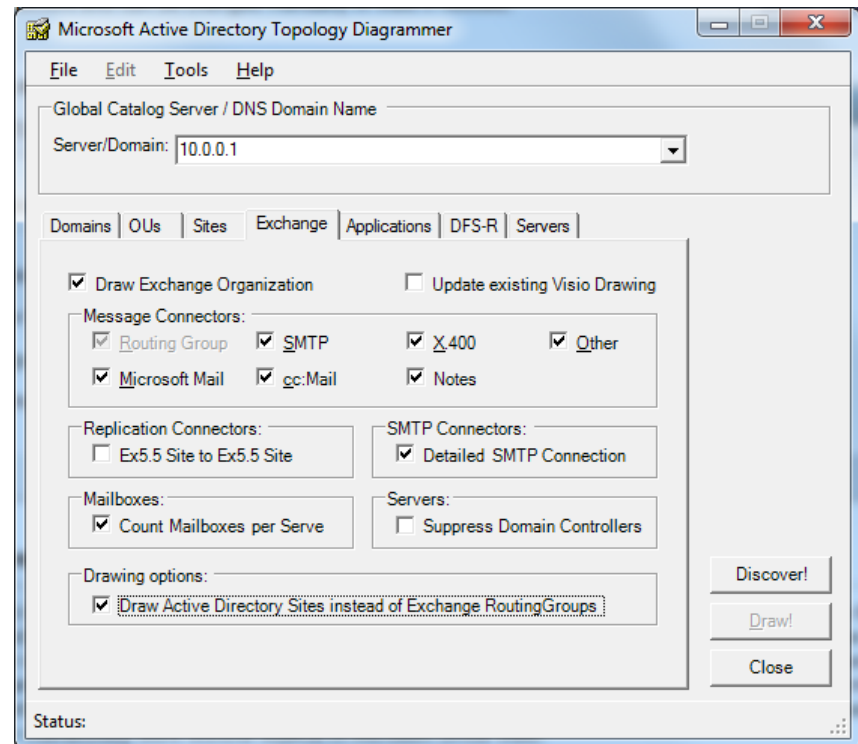
- **Draw Sites**
- **IP Site Links**
- **SMTP Sites Links**
- **Inter Site Connections**
- **Include Subnets**



# Complete the Exchange TAB

● Check the following boxes :

- **Draw Exchange Organization**
- **Routing Group**
- **SMTP**
- **X.400**
- **Other**
- **Microsoft Mail**
- **Cc:Mail**
- **Notes**
- **Detailed SMTP Connection**
- **Count Mailboxes per Server**
- **Draw Active Directory Sites instead of Exchange RoutingGroups**

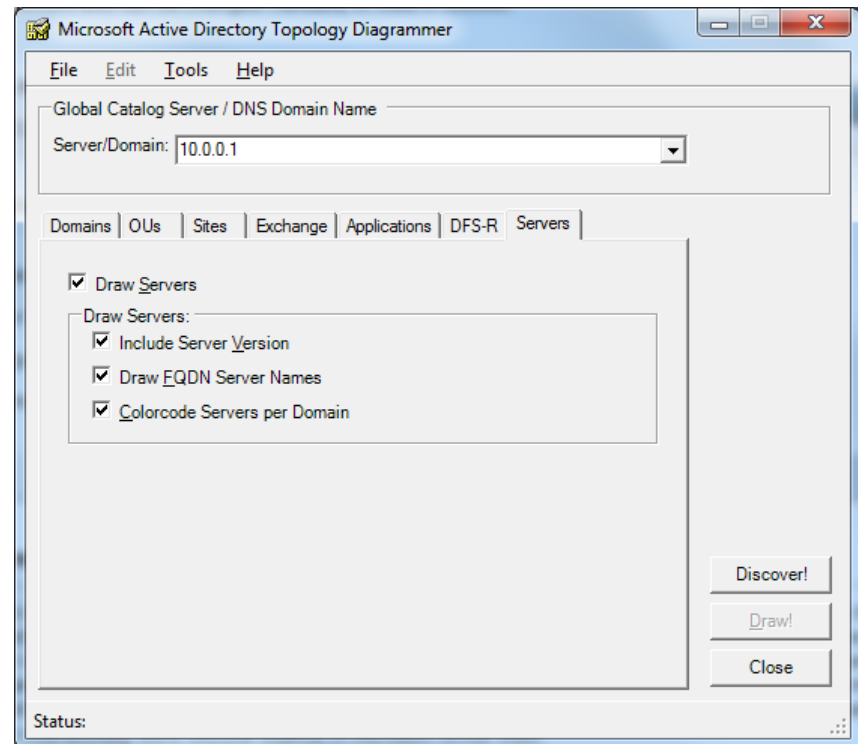




# Complete the Servers TAB

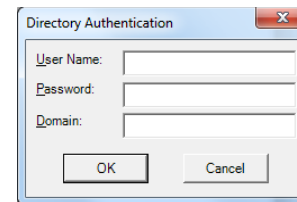
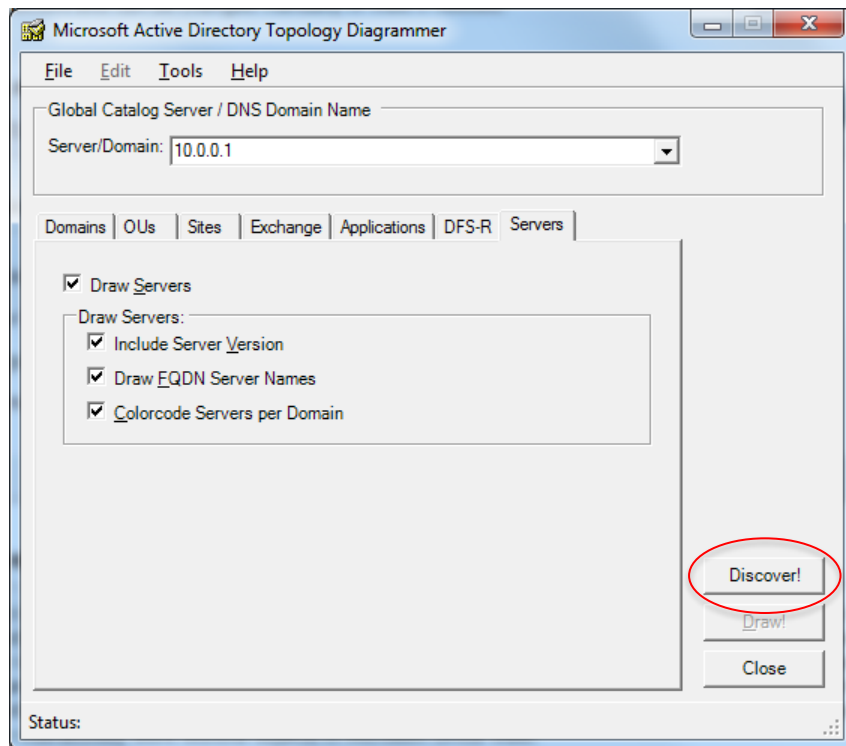
- Check the following boxes :

- **Draw Servers**
- **Include Server Version**
- **Draw FQDN Server Names**
- **Colorcode Servers per Domain**



# First step : Discover

- Before drawing, we must Discover the environment
- Click on the “**Discover**” button, enter credentials, and wait for the discovery to finish



A “Directory Authentication” box may appear

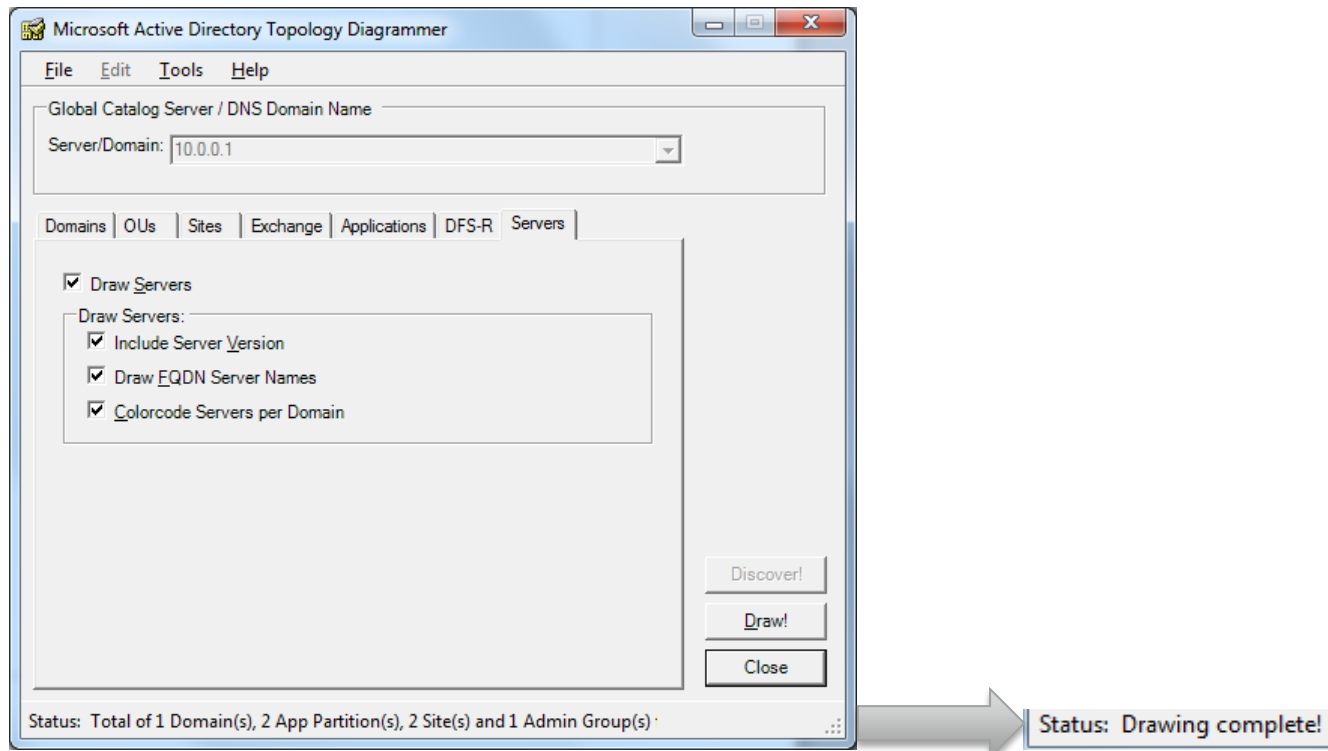


Check the status of the discovery

Status: Total of 1 Domain(s), 2 App Partition(s), 2 Site(s) and 1 Admin Group(s)

# Second Step : Draw !

- Once the discovery is complete, the “Draw” button is made available. Click on it and wait for Visio to open, and the tool to complete the draw. This may take some time. Wait until the Status bar of the tool shows complete.



# ADTD result files to send

- The resulting files are located in the “My Documents” folders.
- Send the engineer the following ones :
  - ADTD.CSV
  - ADTD.LOG
  - Ex Organization.vsd
  - AD Sites.vsd
  - AD Domains.vsd
- Thanks !