

Sapphire Onsite Classroom Requirements

The UAG course requires a classroom with a minimum of one computer for the instructor and one for each student. The classroom computers require the following hardware configuration.

- Intel Virtualization Technology (Intel VT) or AMD Virtualization (AMD-V) processor
- 120 GB hard disk 7200 RPM SATA or better
- 12 GB RAM (8 GB minimum)
- DVD drive
- Network adapter
- Super VGA (SVGA) 17-inch monitor
- Microsoft Mouse or compatible pointing device

Machine	Server Role	Memory Needed by VM	Recommended IP address/SM
VAN-DC1	Windows 2008 R2 Domain Controller & Global Catalog DNS Certificate Authority	512MB	10.0.0.11/24
VAN-CL1	Windows 7 Client	512 MB	10.0.0.21/24 157.54.1.21/24
VAN-UAG1	Forefront UAG Server (primary)	3072 MB	157.54.1.1/24 157.54.1.2/24 10.0.0.1/24
VAN-UAG2	Forefront UAG Server (secondary)	3072 MB	157.54.1.3/24 157.54.1.4/24 10.0.0.2/24
VAN-EX1	Exchange Server 2010 server	1536 MB	10.0.0.12/24
VAN-NAP	Network Access Protection server	1024 MB	192.168.0.13/24
VAN-RDG	Remote Desktop Gateway server, NLS server and ISATAP router	1024 MB	192.168.0.14/24 192.168.0.15/24