Asterisk

Course Name:	Asterisk
Course Duration:	30 hours
Requirements:	Network+
Who should take this Course:	Collaboration engineers

Syllabus Cosrse

- Internet call providers
- Introduction to voip and its usage
- What is PBX & differences between traditional PBX and IP-PBX
- Introduction to asterisk & history & its abilities
- Voip issues and challenges
- Voip concepts : SIP/RTP/IAX/CODEC/PSTN/DAHDI
- Voip hardware : IPPHONE/DECT/ATA/GATEWAY/KIRK WIRELESS/ANALOG & DIGITAL CARD/FXO-FXS/Hardware IPPBX
- Linux administration : installation & commands
- Downloading & installing asterisk / DAHDI /LIBPRI
- Asterisk architecture & directories
- Make SIP/IAX account
- Call routing
- Call flow
- Dialplan structure
- Pattern structure
- Assign callerid to route
- Music On hold
- Add persion language to server
- Basic DialPlans

- Asterisk variables
- VoiceMail
- IVR context
- Trunk asterisk & gateway
- Incoming & outgoing calls between asterisk & PSTN
- ASterisk & panasonic central