



Cisco Gateway GPRS Support Node

Cursusduur: 5 Dagen **Cursuscode: GGSN**

Beschrijving:

This course is designed to prepare the delegates to design, operate, monitor, troubleshoot, and support general operations of the Cisco GGSN. The course is broken into a mix of lecture and hands-on lab work. Lecture sessions are followed by related lab work to reinforce the information taught. By the end of the week, the delegates will have configured an actual Cisco GGSN and sent generated traffic across that network. Delegates will have learned how to configure, troubleshoot and monitor this GGSN.

Doelgroep:

The target audience for this event is Cisco Service Provider -SE's and -CSEs, PS and TAC, customers operating a GGSN and Cisco Partners deploying GGSNs as part of their offering

Doelstelling:

- Describe the key features of the Cisco Gateway GPRS Support Node (GGSN) and its role in a mobile wireless network
 - Describe the key features of the Cisco GGSN Hardware Platforms, Describe the features and functions of GGSN 4.0 UMTS
 - Describe the key Value-added Features of the GGSN
 - Describe the function of the GGSN on the Multi-Processor WAN Application Module (MWAM) in a Cisco 7600
 - Describe the requirements and commands to perform a basic configuration of the GGSN. Describe the commands, the procedures and requirements to configure the key features in the GGSN.
 - Describe the managements and maintenance tools available for the GGSN
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Vereiste kennis en vaardigheden:

Delegates are required to meet the following prerequisites:

- Working knowledge of GPRS networks, IOS routers and IP related technologies is a plus

Examens en certificering

There is currently no exam assigned to this course

Cursusinhoud:

AAA on GGSN 4.0

- GGSN AAA Services Overview
- AAA Server Groups
- Configure AAA
- Configure and Access Point for Non transparent Access Mode
- GGSN VPN Access using VRF
- Supporting VPN Access Using VRF
- Configure a VRF Routing Table
- Configure a GRE Tunnel Interface
- Configure a Route to the VPN using VRF
- Control IP Address Assignment and Allow overlapping IP Addresses.
- GGSN Security Features GTP Load Balancing
- Cisco SLB
- GTP SLB
- GTP Load Balancing Configuration Tasks
- GGSN QoS and Charging
- GGSN 4.0 QoS
- Configuring QoS in GGSN 4.0
- Charging on the GGSN

Extra informatie:

This course will be held at the Cisco offices in Research Triangle Park (RTP), North Carolina, USA and in Bedfont Lakes, England, UK. These facilities offer an excellent environment for learning. Professional Instructors and equipment will be provided. Attendees should bring their laptop computers with them to access the hands-on lab. Cisco will try to provide sufficient equipment so that no more than two people are on any single terminal to program a single GGSN node.

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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