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## Global Site Selector Operation & Configuration

Dauer: 3 Tage    Kursnummer: GSSOC

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### Überblick:

This is a three-day hands-on instructor-led course that teaches delegates how to design in and deploy the Cisco Global Services Switch (GSS) 4492R to load balance multiple Data Centers. All of the key features of the GSS 4492R are covered including the new command-line interface (CLI) commands for the improved configuration for global server load balancing (GSLB), modification of the GSS configuration through import and export of a flat text file, and configuring keepalive groups that allow the GSS to check the availability of multiple devices.

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### Wer soll teilnehmen?:

Individuals responsible for the planning, design, and implementation of the Cisco Global Site Selector systems in an IP environment that uses DNS for name/IP address resolution.

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### Kursziel:

- Implement basic IP activation of the Cisco GSS including interface addressing, user roles and IDs, NTP implementation and SNMP configuration
  - Implement DNS configuration with Cisco GSS
  - Implement and network multiple Cisco GSS devices in both a load-balancing and a DRP type of implementation
  - Choose and implement the appropriate keepalive(s) necessary to insure minimum risk of a GSS giving an answer that refers to an unreachable device
  - Implement the appropriate DDoS techniques on the Cisco GSS
  - Describe and implement the process of troubleshooting inappropriate or non-functional Cisco GSS and DNS answers
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### Voraussetzungen:

Attendees should have the following skills:

- Basic understanding of TCP
- Working Knowledge of the basic functionality of Server Load Balancers
- Working Knowledge of basic DNS
- Working Knowledge of basic HTTP fundamentals
- CCNA level knowledge of Routing and Switching – ICND1 recommended

### Examen und Zertifizierungen:

Recommended as preparation for exam(s):

- None available at this time
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### Folgekurse:

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## Detaillierte Kursbeschreibung:

### Domain Name System and Global Server Load-Balancing Overview

- Reviewing Basic DNS
- Examining the Role of the GSS in the Network
- Discussing Cisco GSS Fundamentals

### GSS Deployment Model Overview

- Revealing Distributed Data Centers: Benefits and Challenges
- Describing Advantages and Issues of the DNS-Based Approach
- Describing GSS Modes of Operation

### GSS Setup

- Discussing Initial GSS Setup – Basic
- Describing Multiple User Roles and Views
- Implementing TACACS+ on the Cisco GSS
- Troubleshooting and Monitoring
- Implementing Simple Network Time Protocol with Cisco GSS

### Global Server Load Balancing

- Explaining DNS Rule Fundamentals
- Building a Rule

### Cisco GSS Keepalives

- Describing Keepalive Basics
- Describing Keepalive Processes
- Describing Individual Keepalive Details and Illustrations
- Implementing Keepalives

### Cisco GSS Load-Balancing Methods

- Describing Load-Balancing Techniques and Fundamentals
- Describing DNS Persistence

### Cisco GSS Network Proximity

- Describing Directory Response Protocol Fundamentals

### Cisco GSS DDoS Protection

- Describing DDoS Protection on the Cisco GSS

### Cisco GSS and Network Registrar Interaction

- Using Cisco Network Registrar
- Describing Cisco Network Registrar Configuration Elements

### Labs

- Accessing the Remote Lab
- Initial Cisco GSS Configuration
- Initial Cisco GSS GSLB Configuration
- Keepalives
- Implementing Load-Balancing Techniques
- Configuring Cisco GSS Clusters
- Configuring Distributed Denial of Service Commands on the Cisco GSS
- Upgrading Software on the Cisco GSS

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## Weitere Informationen:

Für weitere Informationen oder Buchung kontaktieren Sie uns bitte unter 01/66 55 655 3000

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