

Service Criticality Form

www.ripe.net

Introduction

This form is used to gather input from the community on the service criticality. The framework is detailed in <https://labs.ripe.net/author/razvano/service-criticality-framework/>. The service criticality has three components:

Confidentiality:

What is the highest possible impact of a data confidentiality-related incident (data leak)?

Integrity:

What is the highest possible impact of a data integrity-related incident (hacking)?

Availability:

What is the highest possible impact of a service availability-related incident (outage)? All our services are designed with at least 99% availability, so please consider outages of up to 22 hours.

Service Overview

Table 1: Service Overview

Service purpose	Serve RIPE NCC and RIPE community information and content
Service owner(s)	Oliver Payne
Stakeholders	N/A
Types of data that the service stores or processes	Public data
Critical parts of the service	No critical parts
Non-critical parts	All the parts mentioned above

Impact Areas

Global Routing

	Low	Medium	High	Very High
Global Routing	No / negligible impact	Limited reachability issues	Widespread reachability issues	Widespread and persistent reachability issues

Incident Impact on Global Routing	Incident Severity
Confidentiality: (Impact level of incidents such as data leaks)	
All data hosted on www.ripe.net is already publicly available.	Low
Integrity: (Impact level of incidents such as hack attempts)	
Ability to create incorrect content and misleading information for visitors is very unlikely to affect routing data.	Low
Availability: (Impact level of service outage incidents, up to 22 hours per quarter)	
If people land on www.ripe.net to navigate to the LIR Portal, it could have an impact.	Low

IP addresses and AS Numbers

	Low	Medium	High	Very High
IP addresses and AS Numbers	No / negligible impact	Local disruptions (registration information not being available for some entities)	Regional disruptions (registration information not being available for the RIPE NCC region)	Global disruptions (lack of registration information for all AS Numbers and IP addresses)

Incident Impact on IP Addresses and AS Numbers	Incident Severity
Confidentiality: (Impact level of incidents such as data leaks)	
All data hosted on www.ripe.net is already publicly available.	Low
Integrity: (Impact level of incidents such as hack attempts)	
Ability to create false content and misleading information for visitors is very unlikely to affect IP addresses or AS Numbers.	Low
Availability: (Impact level of service outage incidents, up to 22 hours per quarter)	
If people land on www.ripe.net to navigate to the LIR Portal, it could have an impact.	Low

Global DNS

	Low	Medium	High	Very High
Global DNS	No / negligible impact	Local DNS issues	Widespread DNS issues	Widespread and persistent DNS issues

Incident Impact on Global DNS	Incident Severity
Confidentiality: (Impact level of incidents such as data leaks)	
All data hosted on www.ripe.net is already publicly available.	Low
Integrity: (Impact level of incidents such as hack attempts)	
Ability to create false content and misleading information for visitors is very unlikely to affect global DNS.	Low
Availability: (Impact level of service outage incidents, up to 22 hours per quarter)	
If people land on www.ripe.net to navigate to the LIR Portal, it could have an impact.	Low