

d.veLop

d.ecs monitor webservice
analyzer: Administrator

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1. d.ecs monitor webservice analyzer

1.1. Introduction

1.1.1. Prerequisites

This documentation is intended for system administrators who want to monitor their d.3 system with d.ecs monitor.

This documentation describes the installation and configuration of the d.ecs monitor webservice analyzer.

1.1.2. About the d.ecs monitor webservice analyzer

The d.ecs monitor webservice analyzer allows you to regularly check the availability of web addresses. The HTTP return values and the runtime of the HTTP request are forwarded to the d.ecs monitor as the result of the check for analysis.

1.2. Installation

1.2.1. Installation d.ecs monitor webservice analyzer

There are different possibilities for the installation of a wrapper for d.ecs monitor.

Via d.ecs monitor

This application is automatically included in the scope of delivery of d.ecs monitor from version 1.6.0. You can install the application on the desired target computers via the monitoring components distribution. For more information about the installation, please refer to the d.ecs monitor documentation in the chapter Wrapper.

Manual installation

To install on the desired target computer, start the setup and follow the instructions.

Note

The Windows service for d.ecs monitor, d.ecs monitor agent and the d.ecs monitor wrappers must run under the account of a local system or an account with local administration rights.

This is necessary because the Windows services provide web services that are bound to the hostname to enable operation in a d.ecs http gateway cluster.

1.3. Configuration

Two options exist to open the configuration page of the d.ecs monitor webservice analyzer.

- Open the URL `https://<base address>/monwwa<Hostname>/config`
- Choose "Linked pages" for the "d.ecs monitor webservice analyzer" object of the respective computer in d.ecs monitor.

The following illustration shows the main configuration page. This page provides an overview of the web addresses currently configured to be checked.

Configurations

Filter: 2

Search for...

Active	Title	Uri
<input checked="" type="checkbox"/>	d.3 processs manager	http://localhost:3480/
<input checked="" type="checkbox"/>	d.ecs storage manager HTTP interface	http://decstoragetest.d-velop.de:6122/

Click on an entry of the list to open the detail view of the object to be checked.

The following illustration shows the configuration of a web address to be checked in detail. You can adjust the configuration in this view.

URI: Expected status code: HTTP method:

Timeout [ms]:

Request duration:

Validate request duration

Credentials:

Use credentials

SSL certificate:

Check SSL certificate

Check certificate revocation list

Active

With this option you enable or disable the check of the object.

Interval

You use this setting to define the interval of checks for the object.

Language

Use this option to select the language for which you want to define the title, description and recommendation of the object.

URI

With this setting you define the URI to be checked. You can use both HTTP and HTTPS.

Expected status code

You use this setting to define the status code that is returned when the query is successful.

HTTP method

Use this option to define which method is to be used for the HTTP/HTTPS request.

Timeout [ms]

Here you can specify the maximum timeout of the request in milliseconds.

Request duration

Under **Request duration** you can activate the check of the query duration and define the maximum time in milliseconds that the query may take. The query duration is created as a monitoring object in the d.ecs monitor.

Credentials

Below **Credentials**, you can enable the transfer of logon information and specify the user name and password.

SSL certificate

Under **SSL Certificate** you can activate the SSL certificate chain check for an HTTPS query. For each certificate in the certificate chain, two monitoring objects (expiration date and validity) are created in the d.ecs monitor.

You can also configure here whether the certificate revocation list (CRL) is to be included online, offline (from the system cache), or not at all in the certificate chain check. The option "online" is enabled by default.

Click on **Test current configuration** to send an HTTP/HTTPS request based on the current configuration and display its results.

1.4. Additional information sources and imprint

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