

DataPower – interfejsy do zarządzania

- You can access the web management service, a dedicated HTTP server, from a web browser.
- You can access a CLI through a Telnet connection, an SSH connection, or a serial connection.
- You can submit SOAP requests to the XML management interface.
- You can submit REST requests to the REST management interface.

WebGUI – stary i nowy UI

DataPower Gateway admin @ cdf8771dd15e 4/10/2024, 8:59:53 PM (UTC) WebGUI deprecated, use new UI Domain: dev

Control Panel

New UI

Search

- Status
- Services
- Network
- Administration
- Objects

Firmware: IDG.10.5.4.0
Build: 362886
Delivery type: Continuous delivery
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Control Panel

B2B



B2B Partner Profile



B2B Gateway Service

Services



Web Service Proxy



Multi-Protocol Gateway

Monitoring and Troubleshooting



View Logs




Troubleshooting





Files and Administration

IBM DataPower Gateway admin@cdf8771dd15e Apr 10, 2024, 9:00:21 PM (UTC) dev Saved

Welcome to DataPower
Let's get you up and running!



B2B Services Monitoring and Troubleshooting Files and Administration

			
Web Service Proxy	Multi-Protocol Gateway	XML Firewall	Web Application Firewall

DataPower Gatewayadmin @ cdf8771dd15e4/10/2024, 8:57:56 PM (UTC)WebGUI deprecated, use new UIDomain: dev

Control PanelNew UI

Search

StatusServicesNetworkAdministrationObjects

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Configure XML Firewall

GeneralAdvancedStylesheet ParametersMonitors

ApplyCancelDeleteXML Firewall status: [up]

General ConfigurationNamedev-echoCommentsecho echo ... echoTypeLoopback *TLS typeServer profile

IBM DataPower Gatewayadmin@cdf8771dd15eApr 10, 2024, 8:58:53 PM (UTC)

API GatewayB2B ServicesXML FirewallEdit XML FirewallXML Firewall WizardNew Advanced FirewallXML Firewall PolicyWeb Service ProxyMulti-Protocol GatewayOther Services

Services / XML Firewall

Configure XML Firewall ☆ApplyCancelUndoDeleteXML Firewall status: [up]

GeneralAdvancedStylesheet Param...HeadersMonitors

Details

General ConfigurationName (Required) ⓘdev-echoComments ⓘecho echo ... echoType (Required) ⓘ

DataPower Gatewayadmin @ cdf8771dd15e4/10/2024, 8:57:56 PM (UTC)WebGUI deprecated, use new UIDomain: dev

Control PanelNew UI

Search

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Configure XML Firewall

GeneralAdvancedStyle

ApplyCancelDelete

XML Firewall status: [up]

General Configuration

Namedev-echo

Commentsecho echo ... echo

TypeLoopback*

TLS typeServer profile

IBM DataPower Gatewayadmin@cdf8771dd15eApr 10, 2024, 8:58:53 PM (UTC)

devSaved

Services / XML Firewall

Configure XML Firewall☆ApplyCancelUndoDelete

XML Firewall status: [up]

GeneralAdvancedStylesheet Param...HeadersMonitors

Details

General Configuration

Name (Required ⓘ)
dev-echo

Comments ⓘ
echo echo ... echo

Type (Required ⓘ)

Zarządzanie via REST API

DataPower Gateway admin @ cdf8771dd15e 4/10/2024, 9:03:06 PM (UTC) WebGUI deprecated, use new UI

Control Panel
New UI

Search

- Status
- Services
- Network
 - Interface
 - Management
 - Telnet service
 - SSH service
 - Web management service
 - XML management interface
 - REST management interface
 - B2B viewer management service
 - Other
- Administration
- Objects

Firmware: [IDG.10.5.4.0](#)
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Configure REST management interface

Main

REST management interface [down - Object is disabled]

Apply Cancel Undo

Administrative state ☐ enabled ☒ disabled

Local address Select Alias *

Port number *

Custom TLS server type

Custom TLS server profile + ...

Access Control List + ...

Comments

Resource

Expo

id

Add..

media type application/json Post QueryString

Raw

```
{"LocalTimeZone": "CET-1CEST"}
```

Raw HTML JSON

<https://www.ibm.com/docs/en/datapower-gateway/10.5.x?topic=interfaces-rest-management-interface>

CLI

Dostęp do CLI

- Telnet (czy ktoś tego jeszcze używa?)
- SSH
- Serial Port
 - bezpośrednio do portu szeregowego
 - lub poprzez serial-over-LAN

CLI podstawowe komendy

idg# help

all-domains Enables or disables all application domains.

configure terminal **Enters Global Configuration Mode**

diagnostics Provides diagnostic information

disconnect Terminates a user session

echo Echoes text to the console

exec Executes a configuration script

exit **Terminates the CLI connection**

help Displays general or command-specific help

login **Logs in as a specific user**

ping **Determines whether the network can reach a remote target.**

show **Displays status or configuration data**

switch domain **Moves to a different application domain**

template Runs an interactive command line script

test schema Test XML document validity against a schema

test tcp-connection **Verifies TCP connectivity to a specific port on a remote target.**

top Returns to initial login mode

traceroute **Traces the network path to a remote target.**

CLI – tryb konfiguracyjny

- Wejście w tryb konfiguracyjny
 - configure terminal
 - config
 - conf
- Wyjście z trybu konfiguracyjnego
 - exit - Exits Global Configuration Mode and enters Privileged Mode.
 - top - For admin and privileged accounts returns to Privileged Mode. For custom accounts, returns to the account-specific login mode.

CLI – konfiguracje obiektów

```
idg# configure terminal
```

```
Global mode
```

```
idg(config)# web-mgmt
```

```
Modify Web management service configuration
```

Wyjście z konfiguracji:

- exit - Applies properties and returns to Global Configuration Mode.
- cancel - Exits the current configuration mode, after discarding any property changes (leaving the configuration object unchanged upon exit).

Zapisanie zmian:

- write memory

CLI - show

```
idg# show web-mgmt
```

```
web-mgmt [up]
```

```
-----
```

```
admin-state enabled
```

```
ip-address 0.0.0.0
```

```
port 9090
```

```
save-config-overwrite on
```

```
idle-timeout 6000 Seconds
```

```
acl web-mgmt [up]
```

```
ssl-config-type server
```

```
enable-sts on
```

```
[idg(config web-mgmt)# show
```

```
admin-state enabled
```

```
ip-address 0.0.0.0
```

```
port 9090
```

```
save-config-overwrite on
```

```
idle-timeout 6000 Seconds
```

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acl web-mgmt [up]
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