



# IBM App Connect

## Cheatsheet for IBM App Connect Enterprise CLI Commands

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## Toolkit Commands

- `mqsipplybaroverride` : Applies a BAR override.
- `mqsicreatebar` : Creates a BAR file.
- `mqsicreatemsgdefs` : Creates message definitions from a schema or data format.
- `mqsicreatemsgdefsfromwsdl` : Creates message definitions from a WSDL file.
- `mqsireadbar` : Reads a BAR file.

## Environment Setup Commands

- `mqsicreateworkdir` - Create a work directory

## Integration Node Commands: Part 1

- `mqsiaaddbrokerinstance` : Adds a broker instance to an integration node.
- `mqsiaapplybaroverride` : Applies a BAR override to a broker.
- `mqsibackupbroker` : Backs up a broker.
- `mqsicreatebroker` : Creates a broker.
- `mqsicreateexecutiongroup` : Creates an execution group.
- `mqsideletebroker` : Deletes a broker.

## Integration Node Commands: Part 2

- `mqsideleteexecutiongroup` : Deletes an execution group.
- `mqsimode` : Sets or displays the mode of an integration node or broker.
- `mqsireadbar` : Reads a BAR file.
- `mqsireload` : Reloads the configuration of an integration node or broker.
- `mqsiremovebrokerinstance` : Removes a broker instance from an integration node.
- `mqsirestorebroker` : Restores a broker from a backup.

## Database Commands

- `mqsimanagexalinks` : Manages extended authentication links.
- `mqsisetdbparms` : Sets the database parameters for an integration node.
- `mqsireportdbparms` : Retrieves the database parameters for an integration node.

## Security Commands: Part 1

- `mqsichangeauthmode` : Changes the authentication mode for the integration node.
- `mqsichangefileauth` : Changes the file-based authentication for the integration node.
- `mqsicredentials` : Manages user credentials for the integration node.
- `mqsireloadsecurity` : Reloads the security settings for the integration node.
- `mqsireportauthmode` : Reports the current authentication mode for the integration node.

## Security Commands: Part 2

- `mqsireportfileauth` : Reports the current file-based authentication settings for the integration node.
- `mqsisetdbparms` : Sets the database parameters for the integration node.
- `mqsisetsecurity` : Sets the security settings for the integration node.
- `mqsivault` : Manages security vaults for the integration node.
- `mqswebuseradmin` : Manages web user administration for the integration node.

## Start and stop commands

- `mqsistart` : Starts an integration node or broker.
- `mqsistartmsgflow` : Starts a message flow on an integration node or broker.
- `mqsistop` : Stops an integration node or broker.
- `mqsistopmsgflow` : Stops a message flow on an integration node or broker.

## List and Trace commands

- `mqsichangetrace` : Changes the trace level for an integration node.
- `mqsilist` : Lists the integration nodes, brokers, configurable services, message flows, and message sets on the local system.



## Migration Commands

- `mqsextractcomponents` : Extracting an integration node configuration and resources to a work directory.

## Properties Commands

- `mqsichangeproperties` : Modifies the value of a property for an integration node resource.
- `mqsireportproperties` : Retrieves the value of a property for an integration node resource.

## Monitoring Commands

- `mqsichangeflowmonitoring` : Changes the monitoring properties for a flow.
- `mqsireportflowmonitoring` : Retrieves the monitoring properties for a flow.

## Statistics Commands.

- `mqsichangeflowstats` : Changes the statistics collection mode for a flow.
- `mqsichangeresourcestats` : Changes the statistics collection mode for a resource.
- `mqsireportflowstats` : Retrieves statistics for a flow.
- `mqsireportresourcestats` : Retrieves statistics for a resource.

## Callable Flows Commands

- `iibcreateswitchcfg` : Generates configuration files for the Switch server and connectivity agents that enable secure connectivity to the Switch server.
- `iibswitch` : Manages the Switch server, a component of IBM App Connect Enterprise that enables you to split message flow processing between different integration servers.

## Miscellaneous Commands: Part 1

- `ace` : Manages IBM App Connect Enterprise installations.
- `mqsibar` : Manages business process artifacts (BARs).
- `mqsAssemblyInstall` : Installs assemblies.
- `mqsicacheadmin` : Manages IBM App Connect Enterprise cache administrators.
- `mqsichangeflowuserexits` : Changes flow user exits.
- `mqsicommandconsole` : Launches the IBM App Connect Enterprise command console.
- `mqsicreateconfigurable-service` : Creates configurable services.

## Miscellaneous Commands: Part 2

- `mqsicvp` : Manages configuration versions of process packages.
- `mqsideploy` : Deploys applications.
- `mqsiexplain` : Explains flow or node properties.
- `mqsipackagebar` : Packages business process artifacts (BARs).
- `mqsipushapis` : Pushes APIs to an API management server.
- `mqsireportflowuserexits` : Reports flow user exits.

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