

## I/O Console

The IO console resource provides a Human Interaction Device (HID) interface to a Compute resource type. The console may be either text or graphical capable. Multiple security, text and graphical protocols and formats may be supported by each console. A Compute Resource may have more than one IO Console resource associated.

The attributes that MUST be exposed by an instance of the I/O Console resource type are as follows:

Attribute	Type	Multiplicity	Client Mutability	Description
occi.console.type	Enumeration, {TELNET, SSH, RDP, XWindows}	1	Mutable	Identifier of the HID interface protocol.
occi.console.version	String	1	Mutable	Version Identifier of protocol.
occi.console.address	IPv4 or IPv6 Address, CIDR notation	1	Mutable	Network Address of the HID interface protocol.
occi.console.port	Integer	1	Mutable	Network port number of the HID interface protocol. Note: This value
occi.console.state	Enumeration , {active, inactive}	1	Mutable	Operation state of the IO Console Resource.
occi.console.status	Enumeration , {active, inactive, suspended}	1	Immutable	Current status of the instance.