

Machine to Machine API (Non semantic)

Api prefix: /api/v1/

*If defined by the client the "Accept" header **must** be "application/json" or */* otherwise the endpoint will answer with a 400 (Bad request) status code*

If an endpoint should receive a non permitted method the server will respond with a 405 (Method not allowed) status code.

Endpoint	Method	Operation	Request Payload	Return codes	Return payload
/devices/	OPTIONS	Get allowed operations	none	200 OK 400 Bad request	{'options': 'GET, POST, OPTIONS'}
/devices/	GET	Get all devices known to the server	none	200 OK 400 Bad request	Array of device JSON (See JSON appendix)
/devices/	POST	Register a new device	New device JSON (See JSON appendix)	200 OK 400 Bad request 409 Conflict	Registered device JSON (See JSON appendix)
/devices/TYPE/	OPTIONS	Get allowed operations	none	200 OK 400 Bad request	{'options': 'GET, POST, OPTIONS'}
/devices/TYPE/	GET	Get all devices of type "TYPE" known to the server	none	200 OK 400 Bad request	Array of device JSON (See JSON appendix)
/devices/TYPE/	POST	Register a new device of type "TYPE"	New device JSON (See JSON appendix)	200 OK 400 Bad request 409 Conflict	Registered device JSON (See JSON appendix)

Endpoint	Method	Operation	Request Payload	Return codes	Return payload
/devices/TYPE/MAC/	OPTIONS	Get allowed operations	none	200 OK 404 Not 400 Bad request	{'options': 'GET, PUT, DELETE, OPTIONS'}
/devices/TYPE/MAC/	GET	Get device info (identified by the MAC)	none	200 OK 404 Not found 400 Bad request	Device JSON (See JSON appendix)
/devices/TYPE/MAC/	PUT	Update device info on the server	Device to remove JSON (See JSON appendix)	200 OK 404 Not found 400 Bad request	Device JSON (See JSON appendix)
/devices/TYPE/MAC/	DELETE	Delete device from the server	Device to remove JSON (See JSON appendix)	200 OK 404 Not found 400 Bad request	Device JSON (See JSON appendix)
/status/	OPTIONS	Get allowed operations	none	200 OK 400 Bad request	{'options': 'GET, OPTIONS'}
/status/	GET	Get all device's status known to the server	none	200 OK 400 Bad request	Array of device status JSON (See JSON appendix)
/status/TYPE/	OPTIONS	Get allowed operations	none	200 OK 400 Bad request	{'options': 'GET, POST, OPTIONS'}

Endpoint	Method	Operation	Request Payload	Return codes	Return payload
/status/TYPE/	GET	Get all devices status of type "TYPE" known to the server	none	200 OK 400 Bad request	Array of device status JSON (See JSON appendix)
/status/TYPE/	POST	Send a new status for a device of type "TYPE". The status MUST NOT already be present on the server.	Device status JSON (See JSON appendix)	200 OK 400 Bad request 409 Conflict	Device status JSON (See JSON appendix)
/status/TYPE/MAC/	OPTIONS	Get allowed operations	none	200 OK 400 Bad request 404 Not found	{'options': 'GET, PUT, DELETE, OPTIONS'}
/status/TYPE/MAC/	GET	Get device status (identified by the MAC)	none	200 OK 400 Bad request 404 Not found	Device status JSON (See JSON appendix)
/status/TYPE/MAC/	PUT	Get allowed operations	Device status JSON (See JSON appendix)	200 OK 400 Bad request 404 Not found	Device status JSON (See JSON appendix)

Endpoint	Method	Operation	Request Payload	Return codes	Return payload
/status/TYPE/MAC/	DELETE	Delete device status from the server	Device status JSON (See JSON appendix)	200 OK 400 Bad request 404 Not found	Device status JSON (See JSON appendix)