

FHIR® STU 3 Conformance Statement **



****Applicable to MIM Application Management Platform™ 1.5.x**

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TD-924 (Revision Date: 25 January 2023)

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1 Revision History

Issue Date:	Prepared by:	Description of Change:
10/20/2020	M. Lukas	Initial Release
2/2/2021	M. Lukas	Updated Section 5 “Capability Statement Example” to match MIM Harmony 1.1.0’s version of the statement. This update to the statement contains no changes to supported resources and their interactions; it only contains minor changes to reference links for supported resources and a minor update to the 3.0.2 FHIR version from 3.0.1.
7/20/2021	M. Lukas	Updated Section 5 “Capability Statement Example” to match MIM Harmony 1.2.0’s version of the statement. This update to the statement contains no changes to supported resources and their interactions; it only contains an update to the server’s version and timestamp information, and example domain.
1/31/2022	M. Lukas	Updated Section 5 “Capability Statement Example” to match MIM AMP 1.3.0’s version of the statement. Notably added support for the DiagnosticReport, Observation, and PlanDefinition resources, as well as the transaction interaction (FHIR transactions now supported). Replaced references to MIM Harmony and MIM Harmony platform with MIM Application Management Platform or MIM AMP, which is the new official product name for the platform. Updated dates where applicable.
7/22/2022	M. Lukas	Updated Section 5 “Capability Statement Example” to match MIM AMP 1.4.0’s version of the statement. Note: There were no changes to the FHIR capabilities themselves in 1.4.0 as compared to 1.3.0; the only changes are the date, product name, and product version.
1/25/2023	M. Lukas	Updated Section 5 “Capability Statement Example” to match MIM AMP 1.5.0’s version of the statement. Note: There were no changes to the FHIR capabilities themselves in 1.5.0 as compared to 1.4.0; the only changes are the date, product name, and product version. Updated copyright year.

2 *Copyright Statement*

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Additionally, while developing MIM Application Management Platform (AMP), care has been taken to ensure conformance to a subset of the interactions and resources described by the RESTful API exchange framework of version 3.0.2 (STU 3) of the Fast Healthcare Interoperability Resources (FHIR) specification published by Health Level 7 International (HL7). However, the user must perform acceptance testing to verify that MIM AMP meets the requirements for their given configuration. The acceptance testing must include all representative resources intended for transfer, all supported types of transfers desired for a type of resource, and clinical evaluation of each representative resource on the receiving end after each desired type of transfer.

4 Conformance Statement Overview

The supported subset of FHIR interactions and resources is described in the Capability Statement FHIR resource published by each MIM AMP installation at its Capability Statement HTTP URL path, which is `/fhir/metadata`. The Capability Statement can be produced in either JSON or XML format by appending `?_format=json` or `?_format=xml` to the path, respectively. For example, for a server running with the IP address `192.168.1.1`, that server's Capability Statement can be accessed in JSON form at `https://192.168.1.1/fhir/metadata?_format=json`.

The Capability Statement also includes information specific to the server from which it is published, including the MIM AMP version, build number, and FHIR base URL.

An example Capability Statement follows on the next page.

5 Capability Statement Example

```
{
  "resourceType": "CapabilityStatement",
  "status": "active",
  "date": "2023-01-16T17:00:32-05:00",
  "publisher": "MIM Software Inc.",
  "kind": "instance",
  "software": {
    "name": "MIM AMP FHIR Server",
    "version": "1.5.0-N116-03"
  },
  "implementation": {
    "description": "HAPI FHIR",
    "url": "https://ExampleDomain/fhir"
  },
  "fhirVersion": "3.0.2",
  "acceptUnknown": "extensions",
  "format": [ "application/fhir+xml", "application/fhir+json" ],
  "rest": [ {
    "mode": "server",
    "security": {
      "service": [ {
        "coding": [ {
          "system": "http://hl7.org/fhir/restful-security-service",
          "code": "Basic",
          "display": "Basic"
        } ]
      } ]
    } ]
  },
  "resource": [ {
    "type": "ActivityDefinition",
    "profile": {
      "reference": "http://hl7.org/fhir/Profile/ActivityDefinition"
    },
    "interaction": [ {
      "code": "read"
    }, {
      "code": "update"
    }, {
      "code": "delete"
    }, {
      "code": "create"
    }, {
      "code": "search-type"
    } ],
    "conditionalCreate": true,
    "searchParam": [ {
      "name": "_id",
      "type": "token",
      "documentation": "The ID of the resource"
    }, {
      "name": "_lastUpdated",
      "type": "date"
    } ]
  } ]
}
```

```

    } ]
  }, {
    "type": "Appointment",
    "profile": {
      "reference": "http://hl7.org/fhir/Profile/Appointment"
    },
    "interaction": [ {
      "code": "read"
    }, {
      "code": "update"
    }, {
      "code": "delete"
    }, {
      "code": "create"
    }, {
      "code": "search-type"
    } ],
    "conditionalCreate": true,
    "searchParam": [ {
      "name": "_id",
      "type": "token",
      "documentation": "The ID of the resource"
    }, {
      "name": "_lastUpdated",
      "type": "date"
    } ]
  }, {
    "type": "AuditEvent",
    "profile": {
      "reference": "http://hl7.org/fhir/Profile/AuditEvent"
    },
    "interaction": [ {
      "code": "read"
    }, {
      "code": "search-type"
    } ],
    "searchParam": [ {
      "name": "_id",
      "type": "token",
      "documentation": "The ID of the resource"
    }, {
      "name": "action",
      "type": "token",
      "documentation": "Type of action performed during the event"
    }, {
      "name": "address",
      "type": "string",
      "documentation": "Identifier for the network access point of the user
device"
    }, {
      "name": "agent",
      "type": "reference",
      "documentation": "Direct reference to resource"
    }, {
      "name": "date",

```

```

    "type": "date",
    "documentation": "Time when the event occurred on source"
  }, {
    "name": "entity",
    "type": "reference",
    "documentation": "Specific instance of resource"
  }, {
    "name": "entity-id",
    "type": "token",
    "documentation": "Specific instance of object"
  }, {
    "name": "outcome",
    "type": "token",
    "documentation": "Whether the event succeeded or failed"
  }, {
    "name": "subtype",
    "type": "token",
    "documentation": "More specific type/id for the event"
  }, {
    "name": "type",
    "type": "token",
    "documentation": "Type/identifier of event"
  } ]
}, {
  "type": "CapabilityStatement",
  "profile": {
    "reference": "http://hl7.org/fhir/Profile/CapabilityStatement"
  }
}, {
  "type": "CareTeam",
  "profile": {
    "reference": "http://hl7.org/fhir/Profile/CareTeam"
  },
  "interaction": [ {
    "code": "read"
  }, {
    "code": "update"
  }, {
    "code": "delete"
  }, {
    "code": "create"
  }, {
    "code": "search-type"
  } ],
  "conditionalCreate": true,
  "searchParam": [ {
    "name": "_id",
    "type": "token",
    "documentation": "The ID of the resource"
  }, {
    "name": "_lastUpdated",
    "type": "date"
  } ]
}, {
  "type": "DiagnosticReport",

```

```

"profile": {
  "reference": "http://hl7.org/fhir/Profile/DiagnosticReport"
},
"interaction": [ {
  "code": "read"
}, {
  "code": "update"
}, {
  "code": "delete"
}, {
  "code": "create"
}, {
  "code": "search-type"
} ],
"conditionalCreate": true,
"searchParam": [ {
  "name": "_id",
  "type": "token",
  "documentation": "The ID of the resource"
}, {
  "name": "_lastUpdated",
  "type": "date"
} ]
}, {
  "type": "DocumentReference",
  "profile": {
    "reference": "http://hl7.org/fhir/Profile/DocumentReference"
  },
  "interaction": [ {
    "code": "read"
  }, {
    "code": "update"
  }, {
    "code": "delete"
  }, {
    "code": "create"
  }, {
    "code": "search-type"
  } ],
  "conditionalCreate": true,
  "searchParam": [ {
    "name": "_id",
    "type": "token",
    "documentation": "The ID of the resource"
  }, {
    "name": "_lastUpdated",
    "type": "date"
  } ]
}, {
  "type": "Endpoint",
  "profile": {
    "reference": "http://hl7.org/fhir/Profile/Endpoint"
  },
  "interaction": [ {
    "code": "read"
  } ]
} ]

```



```

    }, {
      "code": "update"
    }, {
      "code": "delete"
    }, {
      "code": "create"
    }, {
      "code": "search-type"
    } ],
    "conditionalCreate": true,
    "searchParam": [ {
      "name": "_id",
      "type": "token",
      "documentation": "The ID of the resource"
    }, {
      "name": "_lastUpdated",
      "type": "date"
    } ]
  }, {
    "type": "Group",
    "profile": {
      "reference": "http://hl7.org/fhir/Profile/Group"
    },
    "interaction": [ {
      "code": "read"
    }, {
      "code": "update"
    }, {
      "code": "delete"
    }, {
      "code": "create"
    }, {
      "code": "search-type"
    } ],
    "conditionalCreate": true,
    "searchParam": [ {
      "name": "_id",
      "type": "token",
      "documentation": "The ID of the resource"
    }, {
      "name": "_lastUpdated",
      "type": "date"
    } ]
  }, {
    "type": "ImagingStudy",
    "profile": {
      "reference": "http://hl7.org/fhir/Profile/ImagingStudy"
    },
    "interaction": [ {
      "code": "read"
    }, {
      "code": "update"
    }, {
      "code": "delete"
    }, {

```

```

    "code": "create"
  }, {
    "code": "search-type"
  } ],
  "conditionalCreate": true,
  "searchParam": [ {
    "name": "_id",
    "type": "token",
    "documentation": "The ID of the resource"
  }, {
    "name": "_lastUpdated",
    "type": "date"
  } ]
}, {
  "type": "Observation",
  "profile": {
    "reference": "http://hl7.org/fhir/Profile/Observation"
  },
  "interaction": [ {
    "code": "read"
  }, {
    "code": "update"
  }, {
    "code": "delete"
  }, {
    "code": "create"
  }, {
    "code": "search-type"
  } ],
  "conditionalCreate": true,
  "searchParam": [ {
    "name": "_id",
    "type": "token",
    "documentation": "The ID of the resource"
  }, {
    "name": "_lastUpdated",
    "type": "date"
  } ]
}, {
  "type": "Organization",
  "profile": {
    "reference": "http://hl7.org/fhir/Profile/Organization"
  },
  "interaction": [ {
    "code": "read"
  }, {
    "code": "update"
  }, {
    "code": "delete"
  }, {
    "code": "create"
  }, {
    "code": "search-type"
  } ],
  "conditionalCreate": true,

```

```

    "searchParam": [ {
      "name": "_id",
      "type": "token",
      "documentation": "The ID of the resource"
    }, {
      "name": "_lastUpdated",
      "type": "date"
    } ]
  }, {
    "type": "Patient",
    "profile": {
      "reference": "http://hl7.org/fhir/Profile/Patient"
    },
    "interaction": [ {
      "code": "read"
    }, {
      "code": "update"
    }, {
      "code": "delete"
    }, {
      "code": "create"
    }, {
      "code": "search-type"
    } ],
    "conditionalCreate": true,
    "searchParam": [ {
      "name": "_id",
      "type": "token",
      "documentation": "The ID of the resource"
    }, {
      "name": "_lastUpdated",
      "type": "date"
    } ]
  }, {
    "type": "PlanDefinition",
    "profile": {
      "reference": "http://hl7.org/fhir/Profile/PlanDefinition"
    },
    "interaction": [ {
      "code": "read"
    }, {
      "code": "update"
    }, {
      "code": "delete"
    }, {
      "code": "create"
    }, {
      "code": "search-type"
    } ],
    "conditionalCreate": true,
    "searchParam": [ {
      "name": "_id",
      "type": "token",
      "documentation": "The ID of the resource"
    }, {

```

```

    "name": "_lastUpdated",
    "type": "date"
  } ]
}, {
  "type": "Practitioner",
  "profile": {
    "reference": "http://hl7.org/fhir/Profile/Practitioner"
  },
  "interaction": [ {
    "code": "read"
  }, {
    "code": "create"
  }, {
    "code": "search-type"
  } ],
  "conditionalCreate": true,
  "searchParam": [ {
    "name": "_id",
    "type": "token",
    "documentation": "The ID of the resource"
  }, {
    "name": "active",
    "type": "token",
    "documentation": "Whether the practitioner record is active"
  }, {
    "name": "email",
    "type": "token",
    "documentation": "A value in an email contact"
  }, {
    "name": "identifier",
    "type": "token",
    "documentation": "A practitioner's Identifier"
  }, {
    "name": "name",
    "type": "string",
    "documentation": "A server defined search that may match any of the
string fields in the HumanName, including family, give, prefix, suffix,
suffix, and/or text"
  }, {
    "name": "role",
    "type": "token"
  }, {
    "name": "site",
    "type": "reference"
  } ]
}, {
  "type": "Questionnaire",
  "profile": {
    "reference": "http://hl7.org/fhir/Profile/Questionnaire"
  },
  "interaction": [ {
    "code": "read"
  }, {
    "code": "vread"
  }, {

```

```

    "code": "update"
  }, {
    "code": "delete"
  }, {
    "code": "history-instance"
  }, {
    "code": "create"
  }, {
    "code": "search-type"
  } ],
  "conditionalCreate": true,
  "searchParam": [ {
    "name": "_id",
    "type": "token",
    "documentation": "The ID of the resource"
  }, {
    "name": "_lastUpdated",
    "type": "date"
  } ]
}, {
  "type": "QuestionnaireResponse",
  "profile": {
    "reference": "http://hl7.org/fhir/Profile/QuestionnaireResponse"
  },
  "interaction": [ {
    "code": "read"
  }, {
    "code": "update"
  }, {
    "code": "delete"
  }, {
    "code": "create"
  }, {
    "code": "search-type"
  } ],
  "conditionalCreate": true,
  "searchParam": [ {
    "name": "_id",
    "type": "token",
    "documentation": "The ID of the resource"
  }, {
    "name": "_lastUpdated",
    "type": "date"
  } ]
}, {
  "type": "Task",
  "profile": {
    "reference": "http://hl7.org/fhir/Profile/Task"
  },
  "interaction": [ {
    "code": "read"
  }, {
    "code": "update"
  }, {
    "code": "delete"
  }

```

```
    }, {
      "code": "create"
    }, {
      "code": "search-type"
    } ],
    "conditionalCreate": true,
    "searchParam": [ {
      "name": "_id",
      "type": "token",
      "documentation": "The ID of the resource"
    }, {
      "name": "_lastUpdated",
      "type": "date"
    } ]
  } ],
  "interaction": [ {
    "code": "transaction"
  } ]
} ]
}
```