



Instant HR Auditor Health API Guide

Summer, 2017

Copyright and Disclaimer

This document, as well as the software described in it, is furnished under license of the Instant Technologies Software Evaluation Agreement and may be used or copied only in accordance with the terms of such license. The content of this document is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by Instant Technologies. Instant Technologies assumes no responsibility or liability for any errors or inaccuracies that may appear in this document. All information in this document is confidential and proprietary.

Except as permitted by the Software Evaluation Agreement, no part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, recording, or otherwise, without the prior written permission of Instant Technologies .

Copyright © 2005 - 2017 Instant Technologies, All rights reserved.

Trademarks

All other trademarks are the property of their respective owners.

Contact Information

See our Web site for Customer Support information.

<http://www.instant-tech.com/>

HR AUDITOR HEALTH API

The HR Auditor Health API provides a simple means of checking the health and status of the HR Auditor service. This API would be suitable for automated monitoring tools or for a load-balancer in a high-availability setting.

The API provides a high-level status indicating whether the service is currently running and healthy, as well as more fine-grained information about which components of the application require attention in the event of an issue.

INVOKING THE HEALTH API

The health check API is accessed by issuing a request to the health check API endpoint:

```
GET http[s]://{server address}/hra/status
```

HEALTH API RESPONSE STRUCTURE

The Health API returns a JSON object, indicating the state of individual subcomponents of HR Auditor, as well as a top-level HTTP status code. The possible HTTP status codes are:

- **200 (OK)** HTTP response indicates that the service is running and all of its constituent components are in a healthy state.
- **500 (Internal Server Error)** HTTP response indicates that a failure was encountered with one or more of HR Auditor's component services.
- **503 (Service Unavailable)** HTTP response indicates that the HR Auditor service is not running.

Additionally, the JSON object returned will include more detailed information about the state of various components which HR Auditor relies upon.

```
{
  Version: "2.1.1353",
  Build: "0",
  Status: true,
  - License: {
    IsExpired: false,
    Message: "Licensed until 6/14/2017"
  },
  - ActiveDirectory: {
    Connected: true,
    Message: null
  },
  - ArchivingDatabase: {
    Connected: true,
    Count: 5900,
    Message: null
  }
}
```

Figure 1: An example response from the HR Auditor Health API

These fields are as follows:

- **Version** – This is the current HR Auditor product version number.
- **Build** – This is the build number of the current HR Auditor product version.
- **License** – This is the status of the HR Auditor license
 - **IsExpired** – Whether the current license is expired
 - **Message** – A short message describing the dates for which the current license is valid. This can have the following values:
 - **Licensed** – for perpetual HR Auditor licenses.
 - **Licensed until \$DATE\$** – for active licenses which have not yet expired. \$DATE\$ indicates when the license will expire.
 - **License expired \$DATE\$** – for licenses that have expired. \$DATE\$ indicates when the license expired.
- **ActiveDirectory** – State of HR Auditor’s connection to the Active Directory domain controller, used for name lookups, user searches, and authentication.
 - **Connected** – Indicates whether HR Auditor is currently able to communicate with the Active Directory domain controller server.
 - **Message** – null, if the Active Directory connection is successful. Otherwise, this will contain an error message indicating any connection error information.
- **ArchivingDatabase** – The state of HR Auditor’s connection to the LcsLog Lync/Skype for Business archiving SQL database.
 - **Connected** – Indicates if HR Auditor is currently connected to the SQL archiving database.
 - **Count** – Indicates the number of chat conversations found in the archiving database for the previous month. A value of **-1** indicates that there was an error connecting to the database. A value of **0** indicates that the attempt to connect to the database was successful, but there were no chat conversations found – this is indicative of a problem with the archiving configuration on the Lync/Skype for Business server(s).
 - **Message** – null, if the connection to the archiving database was successful. Otherwise, this will contain an error message indicating any connection error information.