

NetIQ Security Solutions for IBM i - Compatibility with IBM i 7.4

Technical Reference

JUNE 2019

NetIQ Corporation strives to ensure our products provide quality solutions for your security needs. NetIQ Security Solutions for IBM i continues to help you eliminate security risks and maintain business continuity across your IBM i servers when you upgrade your operating system to IBM i 7.4.

The current version of NetIQ Security Solutions for IBM i includes TGAudit 2.0, TGSecure 2.0, and TGDetect 2.0. All functionality in these product components is fully operational on servers running IBM i 7.4.

This Technical Reference provides information about IBM i 7.4 upgrade considerations to ensure a smooth IBM i 7.4 upgrade process while using TGAudit, TGSecure, and TGDetect in NetIQ Security Solutions for IBM i.

NOTE: *If you are using Version 8.1 of NetIQ Security Solutions for IBM i, please upgrade to the current version of NetIQ Security Solutions for IBM i, which includes TGAudit 2.0, TGSecure 2.0, and TGDetect 2.0, before upgrading your operating system to IBM i 7.4.*

Legal Notice

THIS DOCUMENT AND THE SOFTWARE DESCRIBED IN THIS DOCUMENT ARE FURNISHED UNDER AND ARE SUBJECT TO THE TERMS OF A LICENSE AGREEMENT OR A NON-DISCLOSURE AGREEMENT. EXCEPT AS EXPRESSLY SET FORTH IN SUCH LICENSE AGREEMENT OR NON-DISCLOSURE AGREEMENT, NETIQ CORPORATION PROVIDES THIS DOCUMENT AND THE SOFTWARE DESCRIBED IN THIS DOCUMENT "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SOME STATES DO NOT ALLOW DISCLAIMERS OF EXPRESS OR IMPLIED WARRANTIES IN CERTAIN TRANSACTIONS; THEREFORE, THIS STATEMENT MAY NOT APPLY TO YOU.

For purposes of clarity, any module, adapter or other similar material ("Module") is licensed under the terms and conditions of the End User License Agreement for the applicable version of the NetIQ product or software to which it relates or interoperates with, and by accessing, copying or using a Module you agree to be bound by such terms. If you do not agree to the terms of the End User License Agreement you are not authorized to use, access or copy a Module and you must destroy all copies of the Module and contact NetIQ for further instructions.

This document and the software described in this document may not be lent, sold, or given away without the prior written permission of NetIQ Corporation, except as otherwise permitted by law. Except as expressly set forth in such license agreement or non-disclosure agreement, no part of this document or the software described in this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, or otherwise, without the prior written consent of NetIQ Corporation. Some companies, names, and data in this document are used for illustration purposes and may not represent real companies, individuals, or data.

This document could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein. These changes may be incorporated in new editions of this document. NetIQ Corporation may make improvements in or changes to the software described in this document at any time.

U.S. Government Restricted Rights: If the software and documentation are being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), in accordance with 48 C.F.R. 227.7202-4 (for Department of Defense (DOD) acquisitions) and 48 C.F.R. 2.101 and 12.212 (for non-DOD acquisitions), the government's rights in the software and documentation, including its rights to use, modify, reproduce, release, perform, display or disclose the software or documentation, will be subject in all respects to the commercial license rights and restrictions provided in the license agreement.

© 2019 NetIQ Corporation. All Rights Reserved.

For information about NetIQ trademarks, see <https://www.netiq.com/company/legal/>.

Planning Your IBM i 7.4 Upgrade

This section provides steps to follow before upgrading your operating system to IBM i 7.4 on systems running NetIQ Security Solutions for IBM i.

Upgrade Checklist

Review the following checklist items before upgrading to IBM i 7.4.

Checklist Items

- 1. **If you use TGDetect to forward IBM i security events to your SIEM or use TGAudit journal reports**, determine if you want to collect all journal entries generated by the upgrade before performing the upgrade. For more information, see “Security Audit Journal Considerations” below.

Security Audit Journal Considerations

The upgrade process can generate a large volume of journal entries in QAUDJRN, depending on your system security auditing level (QAUDLVL) settings. If you are forwarding IBM i security events to a Security Information and Event Management (SIEM) solution through TGDetect, or if you run TGAudit journal reports, and do not want to collect all journal entries generated by the OS upgrade, consider adjusting your QAUDLVL values prior to the upgrade and restoring them afterwards.

Coming Soon

The next release of NetIQ Security Solutions for IBM i (v2.1) will further integrate with IBM i 7.4 security features by incorporating support for Authority Collection and Data Mirroring enhancements, as well as the new Service Tools Management features.

Upcoming New Reports for v2.1:

- Service Tool Security Attributes
- Db2 Mirror Setup Tools
- Db2 Mirror Communication Services
- Db2 Mirror Replication Services
- Db2 Mirror Product Services
- Db2 Mirror Replication State