

Alerta de seguridad cibernética	9VSA21-00472-01
Clase de alerta	Vulnerabilidad
Tipo de incidente	Sistema y/o Software Abierto
Nivel de riesgo	Alto
TLP	Blanco
Fecha de lanzamiento original	21 de julio de 2021
Última revisión	21 de julio de 2021

NOTIFICACIÓN

La información consignada en el presente informe es producto del análisis de múltiples fuentes, de terceras partes, del propio fabricante e investigación propia del equipo CSIRT. La información contenida en los informes o comunicados está afectada a actualizaciones.

Resumen

El Equipo de Respuesta ante Incidentes de Seguridad Informática del Gobierno de Chile, CSIRT de Gobierno, comparte información sobre 342 actualizaciones correspondientes a 231 vulnerabilidades en productos de Oracle, difundida por la empresa en su informe Critical Patch Update de julio.

Este informe incluye las medidas de mitigación, consistentes en instalar la última actualización de los productos afectados.

Vulnerabilidades

CVE-2012-0881	CVE-2018-7183	CVE-2019-15605	CVE-2020-10543
CVE-2015-0254	CVE-2019-0190	CVE-2019-15606	CVE-2020-10683
CVE-2016-0762	CVE-2019-0201	CVE-2019-16942	CVE-2020-10878
CVE-2016-4429	CVE-2019-0205	CVE-2019-16943	CVE-2020-11022
CVE-2017-14735	CVE-2019-0210	CVE-2019-17195	CVE-2020-11023
CVE-2017-16931	CVE-2019-0219	CVE-2019-17531	CVE-2020-11612
CVE-2017-3735	CVE-2019-0228	CVE-2019-17543	CVE-2020-11868
CVE-2017-5461	CVE-2019-10086	CVE-2019-17545	CVE-2020-11973
CVE-2017-5637	CVE-2019-10173	CVE-2019-17566	CVE-2020-11979
CVE-2017-7656	CVE-2019-10746	CVE-2019-20330	CVE-2020-11987
CVE-2017-7657	CVE-2019-11358	CVE-2019-2725	CVE-2020-11988
CVE-2017-7658	CVE-2019-12260	CVE-2019-2729	CVE-2020-11998
CVE-2017-9735	CVE-2019-12399	CVE-2019-2897	CVE-2020-12723
CVE-2018-0737	CVE-2019-12402	CVE-2019-3738	CVE-2020-13934
CVE-2018-0739	CVE-2019-12415	CVE-2019-3739	CVE-2020-13935
CVE-2018-15686	CVE-2019-12973	CVE-2019-3740	CVE-2020-13949
CVE-2018-21010	CVE-2019-13990	CVE-2019-5063	CVE-2020-13956
CVE-2018-7160	CVE-2019-15604	CVE-2019-5064	CVE-2020-14060

CVE-2020-14061	CVE-2020-36184	CVE-2021-22876	CVE-2021-2364
CVE-2020-14062	CVE-2020-36185	CVE-2021-22883	CVE-2021-2365
CVE-2020-14195	CVE-2020-36186	CVE-2021-22884	CVE-2021-2366
CVE-2020-14756	CVE-2020-36187	CVE-2021-22890	CVE-2021-2367
CVE-2020-15389	CVE-2020-36188	CVE-2021-22897	CVE-2021-2368
CVE-2020-17521	CVE-2020-36189	CVE-2021-22898	CVE-2021-2369
CVE-2020-17527	CVE-2020-5258	CVE-2021-22901	CVE-2021-2370
CVE-2020-17530	CVE-2020-5397	CVE-2021-2323	CVE-2021-2371
CVE-2020-1941	CVE-2020-5398	CVE-2021-2324	CVE-2021-2372
CVE-2020-1945	CVE-2020-5413	CVE-2021-2326	CVE-2021-2373
CVE-2020-1967	CVE-2020-5421	CVE-2021-2328	CVE-2021-2374
CVE-2020-1968	CVE-2020-7016	CVE-2021-2329	CVE-2021-2375
CVE-2020-1971	CVE-2020-7017	CVE-2021-2330	CVE-2021-2376
CVE-2020-24553	CVE-2020-7712	CVE-2021-2333	CVE-2021-2377
CVE-2020-24616	CVE-2020-7733	CVE-2021-23336	CVE-2021-2378
CVE-2020-24750	CVE-2020-7760	CVE-2021-2334	CVE-2021-2380
CVE-2020-2555	CVE-2020-8174	CVE-2021-2335	CVE-2021-2381
CVE-2020-25638	CVE-2020-8203	CVE-2021-2336	CVE-2021-2382
CVE-2020-25648	CVE-2020-8277	CVE-2021-2337	CVE-2021-2383
CVE-2020-25649	CVE-2020-8284	CVE-2021-2338	CVE-2021-23839
CVE-2020-2604	CVE-2020-8285	CVE-2021-2339	CVE-2021-2384
CVE-2020-26217	CVE-2020-8286	CVE-2021-2340	CVE-2021-23840
CVE-2020-26870	CVE-2020-8554	CVE-2021-2341	CVE-2021-23841
CVE-2020-27193	CVE-2020-8908	CVE-2021-2342	CVE-2021-2385
CVE-2020-27216	CVE-2020-9484	CVE-2021-2343	CVE-2021-2386
CVE-2020-27218	CVE-2020-9489	CVE-2021-2344	CVE-2021-2387
CVE-2020-27783	CVE-2021-20190	CVE-2021-2345	CVE-2021-2388
CVE-2020-27814	CVE-2021-20227	CVE-2021-2346	CVE-2021-2389
CVE-2020-27841	CVE-2021-21275	CVE-2021-2347	CVE-2021-2390
CVE-2020-27842	CVE-2021-21290	CVE-2021-2348	CVE-2021-2391
CVE-2020-27843	CVE-2021-21341	CVE-2021-2349	CVE-2021-2392
CVE-2020-27844	CVE-2021-21342	CVE-2021-2350	CVE-2021-2393
CVE-2020-27845	CVE-2021-21343	CVE-2021-2351	CVE-2021-2394
CVE-2020-28052	CVE-2021-21344	CVE-2021-2352	CVE-2021-2395
CVE-2020-28196	CVE-2021-21345	CVE-2021-2353	CVE-2021-2396
CVE-2020-28928	CVE-2021-21346	CVE-2021-2354	CVE-2021-2397
CVE-2020-29582	CVE-2021-21347	CVE-2021-2355	CVE-2021-2398
CVE-2020-35490	CVE-2021-21348	CVE-2021-2356	CVE-2021-2399
CVE-2020-35491	CVE-2021-21349	CVE-2021-2357	CVE-2021-2400
CVE-2020-35728	CVE-2021-21350	CVE-2021-2358	CVE-2021-2401
CVE-2020-36179	CVE-2021-21351	CVE-2021-2359	CVE-2021-2402
CVE-2020-36180	CVE-2021-21409	CVE-2021-2360	CVE-2021-2403
CVE-2020-36181	CVE-2021-22112	CVE-2021-2361	CVE-2021-2404
CVE-2020-36182	CVE-2021-22118	CVE-2021-2362	CVE-2021-2405
CVE-2020-36183	CVE-2021-2244	CVE-2021-2363	CVE-2021-2406

CVE-2021-2407	CVE-2021-2428	CVE-2021-2447	CVE-2021-26272
CVE-2021-2408	CVE-2021-2429	CVE-2021-2448	CVE-2021-27568
CVE-2021-2409	CVE-2021-2430	CVE-2021-2449	CVE-2021-27807
CVE-2021-2410	CVE-2021-2431	CVE-2021-2450	CVE-2021-27906
CVE-2021-2411	CVE-2021-2432	CVE-2021-2451	CVE-2021-28041
CVE-2021-2412	CVE-2021-2433	CVE-2021-2452	CVE-2021-29921
CVE-2021-24122	CVE-2021-2434	CVE-2021-2453	CVE-2021-30369
CVE-2021-2415	CVE-2021-2435	CVE-2021-2454	CVE-2021-30640
CVE-2021-2417	CVE-2021-2436	CVE-2021-2455	CVE-2021-3156
CVE-2021-2418	CVE-2021-2437	CVE-2021-2456	CVE-2021-3177
CVE-2021-2419	CVE-2021-2438	CVE-2021-2457	CVE-2021-31811
CVE-2021-2420	CVE-2021-2439	CVE-2021-2458	CVE-2021-33037
CVE-2021-2421	CVE-2021-2440	CVE-2021-2460	CVE-2021-3345
CVE-2021-2422	CVE-2021-2441	CVE-2021-2462	CVE-2021-3449
CVE-2021-2423	CVE-2021-2442	CVE-2021-2463	CVE-2021-3450
CVE-2021-2424	CVE-2021-2443	CVE-2021-25122	CVE-2021-3520
CVE-2021-2425	CVE-2021-2444	CVE-2021-25329	CVE-2021-3560
CVE-2021-2426	CVE-2021-2445	CVE-2021-26117	
CVE-2021-2427	CVE-2021-2446	CVE-2021-26271	

Impactos

30 de los CVE publicados por Oracle corresponden a vulnerabilidades consideradas críticas. Por ejemplo:

CVE-2019-2729: Esta vulnerabilidad en el componente Oracle WebLogic Server de Oracle Fusion Middleware permite a un atacante no autenticado con acceso de red a través de HTTP comprometer a Oracle WebLogic Server y tomar control de él.

CVE-2021-2382, CVE-2021-2394, CVE-2021-2397, CVE-2021-2376, CVE-2021-2378, CVE-2021-2403: Son vulnerabilidades críticas que afectan a Oracle WebLogic Server y que son explotables de forma remota por atacantes no autenticados.

Productos Afectados

Oracle ZFS Storage Appliance Kit [10026]	Oracle Communications Billing and Revenue Management [2136]
Oracle ZFS Storage Appliance Kit [10026]	Oracle Communications Diameter Signaling Router (DSR) [10899]
MySQL Connectors [8576]	Primavera Unifier [10354]
MySQL Enterprise Monitor [8480]	Oracle Communications Offline Mediation Controller [2269]
Oracle Database (Essbase) [4379]	Oracle ZFS Storage Appliance Kit [10026]
Oracle ZFS Storage Appliance Kit [10026]	MICROS Compact Workstation 3 [13794]
PeopleSoft Enterprise PeopleTools [5085]	MICROS ES400 Series [14212]
MySQL Connectors [8576]	MICROS Kitchen Display System Hardware [11641]
MySQL Enterprise Monitor [8480]	MICROS Workstation 5A [11636]
Oracle Database (Essbase) [4379]	
Oracle ZFS Storage Appliance Kit [10026]	
PeopleSoft Enterprise PeopleTools [5085]	

MICROS Workstation 6 [11628]
 Oracle Communications Diameter Signaling Router (DSR) [10899]
 Oracle Communications Diameter Signaling Router (DSR) [10899]
 Oracle GraalVM Enterprise Edition [13497]
 Oracle ZFS Storage Appliance Kit [10026]
 Oracle ZFS Storage Appliance Kit [10026]
 Oracle Outside In Technology [2276]
 Oracle Retail Customer Management and Segmentation Foundation [13388]
 Primavera Unifier [10354]
 Oracle Outside In Technology [2276]
 Oracle Retail Customer Management and Segmentation Foundation [13388]
 Primavera Unifier [10354]
 PeopleSoft Enterprise PeopleTools [5085]
 Oracle Agile PLM [4461]
 Oracle Commerce Merchandising [9349]
 Oracle Financial Services Analytical Applications Infrastructure [5680]
 Oracle Agile PLM [4461]
 Oracle Financial Services Analytical Applications Infrastructure [5680]
 Oracle FLEXCUBE Private Banking [9110]
 Instantis EnterpriseTrack [10563]
 MySQL Enterprise Monitor [8480]
 Oracle Agile PLM [4461]
 Oracle Managed File Transfer [10198]
 Instantis EnterpriseTrack [10563]
 MySQL Enterprise Monitor [8480]
 Oracle Agile PLM [4461]
 Oracle Managed File Transfer [10198]
 Oracle Commerce Platform [9348]
 Oracle Commerce Service Center [9351]
 Oracle Database (Oracle Application Express Data Reporter) [1348]
 Identity Manager [1980]
 Identity Manager [1980]
 Oracle Business Intelligence Enterprise Edition [2025]
 PeopleSoft Enterprise HCM Shared Components [8943]
 Oracle VM VirtualBox [8370]
 Oracle Outside In Technology [2276]
 Oracle Outside In Technology [2276]
 Oracle Outside In Technology [2276]
 Oracle Outside In Technology [2276]
 Oracle Outside In Technology [2276]
 Oracle Financial Services Crime and Compliance Investigation Hub [13964]
 Oracle Secure Global Desktop [8539]
 Oracle Secure Global Desktop [8539]
 Hyperion Infrastructure Technology [4392]
 MySQL Server [8478]
 Oracle VM VirtualBox [8370]
 Oracle VM VirtualBox [8370]
 MySQL Server [8478]
 MySQL Server [8478]
 Oracle Hyperion BI+ [4361]
 Oracle Database Enterprise Edition [5]
 MySQL Server [8478]
 Oracle Common Applications [1198]
 Oracle Database (Essbase Analytic Provider Services) [4349]
 Oracle Web Applications Desktop Integrator [1171]
 Oracle Database (Essbase Analytic Provider Services) [4349]
 Java SE [856]
 Oracle Outside In Technology [2276]
 Oracle Outside In Technology [2276]
 MySQL Server [8478]
 Oracle Coherence [2545]
 MySQL Server [8478]
 MySQL Server [8478]
 MySQL Server [8478]
 MySQL Server [8478]
 Oracle Outside In Technology [2276]
 MySQL Server [8478]
 PeopleSoft Enterprise CS Campus Community [5183]
 Oracle Outside In Technology [2276]
 Oracle Outside In Technology [2276]
 MySQL Server [8478]
 MySQL Server [8478]
 Oracle Time and Labor [311]
 Oracle Agile PLM [4461]
 MySQL Server [8478]
 MySQL Cluster [8479]
 MySQL Server [8478]
 Oracle VM VirtualBox [8370]
 PeopleSoft Enterprise PT PeopleTools [5085]
 PeopleSoft Enterprise PeopleTools [5085]
 Oracle Collaborative Planning [1037]
 Oracle Engineering [532]
 PeopleSoft Enterprise HCM Candidate Gateway [5043]
 Oracle WebLogic Server [5242]
 MySQL Server [8478]

Oracle BI Publisher [1479]
Oracle BI Publisher [1479]
MySQL Server [8478]
Oracle Advanced Outbound Telephony [785]
Oracle WebLogic Server [5242]
Oracle BI Publisher [1479]
Oracle Hospitality Reporting and Analytics [11599]
Oracle WebLogic Server [5242]
Oracle E-Records [1325]
Oracle BI Publisher [1479]
Oracle BI Publisher [1479]
MySQL Server [8478]
MySQL Server [8478]
Java SE, Oracle GraalVM Enterprise Edition [856]
MySQL Server [8478]
Primavera P6 Enterprise Project Portfolio
Management [5579]
MySQL Server [8478]
Oracle Database (Essbase) [4379]
Oracle ZFS Storage Appliance Kit [10026]
PeopleSoft Enterprise PeopleTools [5085]
MySQL Cluster [8479]
Oracle Database (Essbase) [4379]
Oracle ZFS Storage Appliance Kit [10026]
PeopleSoft Enterprise PeopleTools [5085]
MySQL Server [8478]
Oracle ZFS Storage Appliance Kit [10026]
PeopleSoft Enterprise PeopleTools [5085]
MySQL Server [8478]
Oracle WebLogic Server [5242]
Oracle Solaris [10006]
Oracle Applications Framework [1472]
Oracle WebLogic Server [5242]
PeopleSoft Enterprise PeopleTools [5085]
Oracle WebLogic Server [5242]
JD Edwards EnterpriseOne Tools [4781]
MySQL Server [8478]
JD Edwards EnterpriseOne Tools [4781]
MySQL Server [8478]
Oracle Coherence [2545]
MySQL Server [8478]
Java SE, Oracle GraalVM Enterprise Edition [856]
Siebel CRM [9001]
MySQL Server [8478]
Primavera P6 Enterprise Project Portfolio
Management [5579]
Oracle Human Resources [507]
Oracle iSupplier Portal [208]
Oracle Public Sector Financials (International) [26]
Oracle Field Service [747]
Oracle Advanced Inbound Telephony [265]
Oracle Approvals Management [1168]
Oracle Marketing [229]
Oracle Access Manager [5565]
MySQL Server [8478]
MySQL Server [8478]
Oracle Marketing [229]
MySQL Server [8478]
Siebel Core - Server Framework [9001]
MySQL Server [8478]
Oracle Database (Advanced Networking Option)
[219]
Oracle Database (Hyperion Essbase Administration
Services) [4380]
Oracle Database (Hyperion Essbase Administration
Services) [4380]
Oracle Commerce Guided Search / Oracle
Commerce Experience Manager [9633]
Hyperion Infrastructure Technology [4392]
Oracle Commerce Guided Search / Oracle
Commerce Experience Manager [9633]
Oracle Commerce Guided Search / Oracle
Commerce Experience Manager [9633]
Oracle Coherence [2545]
Oracle Workflow [174]
MySQL Server [8478]
Java SE, Oracle GraalVM Enterprise Edition [856]
MySQL Server [8478]
MySQL Server [8478]
Siebel Apps - Marketing [8974]
Oracle Database Enterprise Edition [5]
Oracle Database Enterprise Edition [5]
Oracle Database Enterprise Edition [5]
Oracle Database Enterprise Edition [5]
Oracle Database Enterprise Edition [5]
Oracle Communications Offline Mediation
Controller [2269]
Oracle Database Enterprise Edition [5]
Oracle Database Enterprise Edition [5]
Oracle Database Enterprise Edition [5]
Oracle Database Enterprise Edition [5]
Oracle Database (Oracle Text) [211]
Oracle Database Enterprise Edition [5]
Oracle FLEXCUBE Universal Banking [9052]
Oracle FLEXCUBE Universal Banking [9052]
MySQL Server [8478]
MySQL Server [8478]
MySQL Server [8478]
Oracle Database (Essbase) [4379]
MySQL Cluster [8479]
PeopleSoft Enterprise PeopleTools [5085]

MySQL Cluster [8479]
PeopleSoft Enterprise PeopleTools [5085]
Oracle Database (Essbase) [4379]
Oracle Database (Essbase Analytic Provider Services) [4349]
Oracle Enterprise Data Quality [9464]
Oracle Retail Financial Integration [10722]
Oracle Retail Integration Bus [1807]
Oracle Retail Order Broker [11520]
Oracle Communications Unified Inventory Management [4516]
Oracle Insurance Policy Administration [5279]
Primavera Gateway [10605]
Oracle BAM (Business Activity Monitoring) [1675]
Oracle Banking Enterprise Default Management [13390]
Oracle Banking Platform [9178]
Oracle Communications BRM - Elastic Charging Engine [9742]
Oracle Communications Unified Inventory Management [4516]
Oracle Retail Xstore Point of Service [11513]
Oracle WebCenter Portal [1696]
Oracle BAM (Business Activity Monitoring) [1675]
Oracle Banking Enterprise Default Management [13390]
Oracle Banking Platform [9178]
Oracle Communications BRM - Elastic Charging Engine [9742]
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 Oracle Communications Unified Inventory Management [4516]
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 Oracle WebCenter Portal [1696]
 Oracle BAM (Business Activity Monitoring) [1675]
 Oracle Banking Enterprise Default Management [13390]
 Oracle Banking Platform [9178]
 Oracle Communications BRM - Elastic Charging Engine [9742]
 Oracle Communications Unified Inventory Management [4516]
 Oracle Retail Xstore Point of Service [11513]
 Oracle WebCenter Portal [1696]
 Oracle Communications BRM - Elastic Charging Engine [9742]
 Oracle Communications Design Studio [2283]
 Oracle Hospitality Suite8 [12614]
 PeopleSoft Enterprise PeopleTools [5085]
 Primavera Gateway [10605]
 Oracle Communications Cloud Native Core Network Slice Selection Function [14130]
 Oracle Communications Network Charging and Control [4623]
 Oracle ZFS Storage Appliance Kit [10026]
 Oracle Commerce Guided Search / Oracle Commerce Experience Manager [9633]
 Oracle FLEXCUBE Private Banking [9110]
 Oracle Communications Instant Messaging Server [8495]
 Oracle Communications Cloud Native Core Network Slice Selection Function [14130]
 Oracle Data Integrator [2196]
 Oracle Database (Oracle Spatial and Graph MapViewer) [619]
 PeopleSoft Enterprise PeopleTools [5085]
 Oracle Communications Cloud Native Core Network Slice Selection Function [14130]
 Oracle Communications Billing and Revenue Management [2136]

Oracle Database (Essbase) [4379]
 Oracle Communications Billing and Revenue Management [2136]
 Oracle Database (Essbase) [4379]
 Oracle Communications Billing and Revenue Management [2136]
 Oracle Database (Essbase) [4379]
 Oracle Retail Xstore Point of Service [11513]
 Oracle Banking Liquidity Management [13304]
 Oracle Communications Billing and Revenue Management [2136]
 Oracle Database (Big Data Spatial and Graph) [11528]
 Primavera Gateway [10605]
 Oracle Retail Xstore Point of Service [11513]
 Oracle Database (Essbase) [4379]
 Oracle Database Enterprise Edition [5]
 Oracle Communications Cloud Native Core Network Function Cloud Native Environment [14125]
 Oracle Financial Services Regulatory Reporting with AgileREPORTER [13077]
 Oracle Communications Billing and Revenue Management [2136]
 Oracle Communications Cloud Native Core Network Function Cloud Native Environment [14125]
 PeopleSoft Enterprise PeopleTools [5085]
 Oracle Communications Billing and Revenue Management [2136]
 Oracle Communications Cloud Native Core Network Function Cloud Native Environment [14125]
 PeopleSoft Enterprise PeopleTools [5085]
 Oracle Enterprise Data Quality [9464]
 Oracle Retail Back Office [2013]
 Oracle Retail Customer Engagement [11518]
 Oracle Retail Customer Management and Segmentation Foundation [13388]
 Oracle Retail Merchandising System [1816]
 StorageTek Tape Analytics SW Tool [10085]
 Oracle FLEXCUBE Private Banking [9110]
 Oracle Retail Customer Management and Segmentation Foundation [13388]
 Oracle Communications Cloud Native Core Policy [14277]
 Oracle Retail Back Office [2013]
 Oracle Retail Central Office [2016]
 Oracle Retail Point-of-Service [2017]
 Oracle Retail Returns Management [2020]

Oracle Retail Back Office [2013]
Oracle Retail Central Office [2016]
Oracle Retail Point-of-Service [2017]
Oracle Retail Returns Management [2020]
Oracle Communications Application Session
Controller [10769]
Oracle Communications Pricing Design Center
[9437]
Primavera Unifier [10354]
JD Edwards EnterpriseOne Orchestrator [11681]
JD Edwards EnterpriseOne Tools [4781]
Oracle Banking Treasury Management [14133]
Oracle Commerce Platform [9348]
Oracle Communications Billing and Revenue
Management [2136]
Oracle Communications Cloud Native Core Unified
Data Repository [14119]
Oracle Communications Convergent Charging
Controller [12985]
Oracle Communications Evolved Communications
Application Server [10994]
Oracle Communications Network Charging and
Control [4623]
Oracle Communications Services Gatekeeper
[5381]
Oracle Communications Unified Inventory
Management [4516]
Oracle Database (Big Data Spatial and Graph)
[11528]
Oracle Retail Service Backbone [10867]
Oracle Retail Xstore Point of Service [11513]
Primavera Gateway [10605]
Primavera Unifier [10354]
Oracle Banking Treasury Management [14133]
Oracle Communications Billing and Revenue
Management [2136]
Oracle Communications Cloud Native Core Unified
Data Repository [14119]
Oracle Communications Convergent Charging
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Oracle Communications Services Gatekeeper
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Oracle Communications Cloud Native Core Unified
Data Repository [14119]
Oracle Communications Convergent Charging
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Oracle Communications Network Charging and
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Oracle Communications Services Gatekeeper
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Oracle Retail Xstore Point of Service [11513]
Oracle Banking Treasury Management [14133]
Oracle Communications Billing and Revenue
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Mitigación

Instalar las respectivas actualizaciones entregadas por el proveedor.

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