

IPLA Reference-Based Programs

For Sub-Capacity z Systems IPLA programs with Reference-Based Terms, the required capacity of the z Systems IPLA sub-capacity program equals the license capacity of the applicable Parent Program. Typically a Parent Program is an MLC program, but some Parent Programs may be one-time charge (OTC).

When there are multiple versions of the Parent Program licensed in the environment, the required license capacity for each sub-capacity eligible Reference-Based program will be based on the total MSU capacity of all the Parent Programs, capped at the z/OS MSU capacity of each machine respectively.

Reference-Based programs will not appear on the Sub-Capacity Report because the Parent Program appears there. For more information about z Systems IPLA programs, see the [IPLA Overview](#) page.

The following is a list of sub-capacity eligible z Systems IPLA programs with Reference-Based Terms:

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CICS is the Parent Program:

5655-018, 5655-147, 5697-E93, 5655-M15, 5655-S97, 5655-Y04, 5722-DFJ

IPLA Programs with Reference-Based Terms based upon CICS

Program ID	Program Name	SMF89?*
5655-F38	CICS Performance Analyzer	see note
5655-G76	CICS Interdependency Analyzer	see note
5655-H91	CICS VSAM Recovery V3	see note
5655-I05	CICS OTTO for z/OS	see note
5655-J99	CICS BEP for MQSeries	see note
5655-L66	CICS VSAM Copy for z/OS	see note
5655-M69	CICS TG for z/OS V6	see note
5655-P30	CICS VSAM Recovery	see note
5655-R25	CICS TG for z/OS V7	see note
5655-U86	CICS Interdependency Analyzer V3	see note
5655-U87	CICS PA for z/OS V3	see note
5655-W10	CICS TG for z/OS V8	see note
5655-W48	CICS Deployment Assistant for z/OS	see note
5697-I76	CICS VSAM Transparency z/OS	see note
5697-I78	CICS Configuration Manager V1	see note
5697-I94	CICS Batch Application	see note
5697-J23	CICS IA V2.2	see note
5697-N40	CICS PA for z/OS, V2	see note
5697-P09	CICS Configuration Manager V2	see note
5698-A32	OMEGAMON XE for CICS on z/OS V4	see note

IPLA Programs with Reference-Based Terms based upon CICS

Program ID	Program Name	SMF89?*
5698-A58	OMEGAMON XE for CICS on z/OS V3	see note
5698-A93	OMEGAMON XE for CICS TG on z/OS V4	see note

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DB2 is the Parent Program:

5695-DB2, 5655-DB2, 5645-DB2, 5675-DB2, 5625-DB2, 5635-DB2, 5605-DB2, 5615-DB2, 5650-DB2, 5697-N29, 5697-P12, 5697-P31, 5697-P43, 5770-AF3, OEM versions

IPLA Programs with Reference-Based Terms based upon DB2

Program ID	Program Name	SMF89?*
5655-AA1	DB2 High Performance Unload for z/OS V4	see note
5655-D38	DB2 Bind Manager V1	see note
5655-DEP	InfoSphere Data Event Publisher for z/OS V10	see note
5655-DG2	InfoSphere Optim Data Growth Solution for z/OS for PeopleSoft Enterprise V7	see note
5655-DG3	InfoSphere Optim Test Data Management Solution for z/OS for PeopleSoft Enterprise V7	see note
5655-DRP	InfoSphere Data Replication for DB2 for z/OS V10	see note
5655-E39	DB2 Path Checker V1	see note
5655-E43	DB2 Bind Manager V2	see note
5655-E46	DB2 Data Export Facility	see note
5655-E54	DB2 Buffer Pool Analyzer	see note
5655-E56	DB2 Log Analysis Tool V2	see note
5655-E60	DB2 DProp V7 for OS/390	see note
5655-E61	DB2 Performance Monitor V7	see note
5655-E64	DB2 Administration Tool V3	see note
5655-E65	DB2 Row Archive Manager V1	see note
5655-E66	DB2 Log Analysis Tool	see note
5655-E67	DB2 Query Monitor V1	see note
5655-E69	DB2 High Performance Unload	see note
5655-E70	DB2 Administration Tool V2	see note
5655-E71	DB2 Web Query Tool V1	see note
5655-E72	DB2 Object Restore for z/OS	see note
5655-F54	DB2 Archive Log Compression	see note
5655-F55	DB2 Change Accum for z/OS	see note
5655-I16	DB2 Audit Management Expert	see note
5655-I19	DB2 High Perf Unload V2	see note

IPLA Programs with Reference-Based Terms based upon DB2

Program ID	Program Name	SMF89?*
5655-I20	DB2 Object Comparison V2	see note
5655-I21	DB2 Performance Expert V1	see note
5655-I22	DB2 SQL Perf Analyzer V2	see note
5655-I23	DB2 Administration Tool V4	see note
5655-I60	DB2 DataPropagator V8 zOS	see note
5655-I95	DB2 Data Archive Expert	see note
5655-IRS	InfoSphere Replication Server for z/OS V10	see note
5655-J49	DB2 Performance Expert V2	see note
5655-J50	DB2 Performance Monitor V8	see note
5655-K61	DB2 Utilities Suite V8	see note
5655-L88	DB2 WebSphere II Replication	see note
5655-M36	Websphere II Event Pub UDB	see note
5655-N10	DB2 Cloning Tool for z/OS	see note
5655-N97	DB2 Utilities Suite V9	see note
5655-P07	OMEGAMON XE for DB2 Performance Expert on z/OS V3	see note
5655-P08	OMEGAMON XE for DB2 Performance Monitor on z/OS V1	see note
5655-P09	DB2 Storage Mgmt Utility	see note
5655-P98	DB2 Buffer Pool Analyzer V3	see note
5655-Q07	OMEGAMON XE for DB2 PE V4	see note
5655-Q08	OMEGAMON XE for DB2 PM V4	see note
5655-R55	WebSphere Replication Server for z/OS V9	see note
5655-R56	WebSphere Data Event Publisher for z/OS V9	see note
5655-R93	WebSphere Data Integration Connector for z/OS V9	see note
5655-R98	DB2 Buffer Pool Analyzer V4	see note
5655-S19	DB2 Optimization Expert	see note
5655-S91	DB2 Cloning Tool V2	see note
5655-SAP	InfoSphere Optim Test Data Management for z/OS for SAP Applications V2	see note
5655-SAZ	InfoSphere Optim System Analyzer for z/OS for SAP Applications	see note
5655-STP	InfoSphere Guardium S-TAP for DB2 on z/OS V8	see note
5655-T56	DB2 Log Analysis Tool for z/OS V3	see note
5655-T57	DB2 Audit Management Expert for z/OS V2	see note
5655-T58	DB2 Util Enhancement Tool V2	see note
5655-T59	DB2 Automation Tool for z/OS V3	see note
5655-U76	Information Server Change Data Capture for System z V5	see note
5655-U78	Optim Database Relationship Analyzer for z/OS V1	see note
5655-U96	InfoSphere Change Data Capture for z/OS V6	see note

IPLA Programs with Reference-Based Terms based upon DB2

Program ID	Program Name	SMF89?*
5655-V03	InfoSphere Optim Move for DB2 for z/OS V7	see note
5655-V05	InfoSphere Optim Test Data Management for DB2 for z/OS V7	see note
5655-V06	InfoSphere Optim Data Growth Solution for DB2 for z/OS V7	see note
5655-V07	Optim Move for DB2 V6	see note
5655-V09	Optim Move for Legacy for z/OS V6	see note
5655-V11	Optim Test Data Management Solution for z/OS V6	see note
5655-V13	Optim Test Data Management Solution for z/OS for PeopleSoft Enterprise V5	see note
5655-V15	InfoSphere Optim Test Data Management Solution for z/OS for Siebel CRM V3	see note
5655-V29	Optim Data Growth Solution for z/OS V6	see note
5655-V31	Optim Data Growth Solution for z/OS for PeopleSoft Enterprise V5	see note
5655-V33	InfoSphere Optim Data Growth Solution for z/OS for Siebel CRM V3	see note
5655-V41	DB2 Utilities Suite for z/OS V10	see note
5655-V42	DB2 Query Monitor for z/OS V3	see note
5655-V46	Optim Data Privacy Solution - PCI Module V1	see note
5655-V48	Optim Data Privacy Solution V1	see note
5655-V56	DB2 Optimization Expert for z/OS V2	see note
5655-V69	Optim DB Relationship Analyzer for z/OS V2	see note
5655-V75	InfoSphere Optim Data Masking Solution for DB2 for z/OS V2	see note
5655-V76	Optim Data Privacy Solution - PCI Module V2	see note
5655-W34	DB2 Administration Tool for z/OS V10	see note
5655-W35	DB2 Buffer Pool Analyzer for z/OS V5	see note
5655-W36	DB2 Object Comparison Tool for z/OS V10	see note
5655-W37	Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS V5	see note
5655-W38	Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS V5	see note
5655-W42	DB2 Sort for z/OS	see note
5655-W51	Optim Data Growth Solution for z/OS for PeopleSoft Enterprise V6	see note
5655-W52	Optim Test Data Management Solution for z/OS for PeopleSoft Enterprise V6	see note
5655-W60	DB2 SQL Performance Analyzer for z/OS V4	see note
5697-E98	DB2 Utilities Suite V7	see note
5697-F57	DB2 SQL Performance Analyzer V1	see note
5697-G52	DB2 Forms for OS/390 V3	see note
5697-G63	DB2 Automation Tool	see note
5697-G64	DB2 Object Comparison Tool	see note
5697-G65	DB2 Table Editor V4	see note
5697-H74	DB2 Recovery Expert for z/OS	see note
5697-H82	DB2 Buffer Pool Analyzer V2	see note

IPLA Programs with Reference-Based Terms based upon DB2

Program ID	Program Name	SMF89?*
5697-H85	DB2 Thread Expert for z/OS	see note
5697-I02	DB2 Test Database Generator V2	see note
5697-I03	DB2 Query Monitor V2	see note
5697-I04	DB2 SQL Performance Analyzer for z/OS V3	see note
5697-I20	DB2 Object Restore V2	see note
5697-I23	DB2 Path Checker V2	see note
5697-I73	DB2 Archive Log Accelerator V2	see note
5697-I80	DB2 Automation Tool V2	see note
5697-J22	DB2 Data Archive Expert V2	see note
5697-K40	DB2 Object Comparison V3	see note
5697-K90	DB2 Administration Tool V5	see note
5697-L40	DB2 Object Comparison Tool V7	see note
5697-L90	DB2 Administration Tool V7	see note
5697-N57	DB2 Path Checker V3	see note
5697-N58	DB2 High Perf Unload V3	see note
5697-N64	DataQuant for z/OS	see note
5697-N92	DB2 Recovery Expert V2	see note
5697-P32	DB2 Change Accumulation Tool for z/OS V2	see note
5697-Q01	DB2 Path Checker V4	see note
5697-Q07	DB2 Accessories Suite for z/OS V2	see note
5697-QMF	DB2 QMF for z/OS V11	see note
5697-QM2	DB2 QMF for z/OS V12	see note

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IMS is the Parent Program:

5695-176, 5655-158, 5655-B01, 5655-C56, 5655-J38, 5635-A01, 5635-A02, 5635-A03, 5635-A04, 5635-A05, 5655-DSQ, 5655-DSM, 5655-DSE, 5655-TM1, 5655-TM2, 5655-TM3

IPLA Programs with Reference-Based Terms based upon IMS

Program ID	Program Name	SMF89?*
5655-E02	IMS HD Compression Ext V2	see note
5655-E03	IMS DB Repair Facility	see note
5655-E06	IMS HP Unload	see note
5655-E07	IMS HP Load	see note
5655-E08	IMS HP Prefix Resolution	see note
5655-E09	IMS HP Pointer Checker	see note

IPLA Programs with Reference-Based Terms based upon IMS

Program ID	Program Name	SMF89?*
5655-E10	IMS Image Copy Extensions	see note
5655-E11	IMS Seq Randomizer Gen V1	see note
5655-E12	IMS ETO Support V2	see note
5655-E14	IMS Program Restart Fac V2	see note
5655-E15	IMS Performance Analyzer V3	see note
5655-E24	IMS Index Builder V2	see note
5655-E30	IMS FP Basic Tools	see note
5655-E31	IMS FP Online Tools	see note
5655-E32	IMS DEDB Fast Recovery V2	see note
5655-E41	IMS Network CF	see note
5655-E50	IMS Online Recovery Service	see note
5655-E51	IMS Connect	see note
5655-E52	IMS DataPropagator V3	see note
5655-F40	IMS Command Cntl Facility	see note
5655-F43	IMS HP Sysgen Tools	see note
5655-F45	IMS MFS Reversal	see note
5655-F59	IMS HP Change Accumulation	see note
5655-F74	IMS Parallel Reorg V2	see note
5655-F76	IMS DB Control Suite V2	see note
5655-F78	IMS FP Online Tools V2	see note
5655-G50	IMS Performance Monitor	see note
5655-H97	IMS Online Reorg Facility	see note
5655-I01	IMS HALDB Conversion Aid V1	see note
5655-I15	IMS HP Prefix Resolution V2	see note
5655-I42	IMS Libr Integrity Utilities	see note
5655-I44	IMS DB Recovery Facility V2	see note
5655-J56	IMS HP Image Copy V2	see note
5655-J57	IMS Batch Terminal Simul. V3	see note
5655-K47	IMS HALDB Conv&Maint Aid V2	see note
5655-K48	IMS Connect Extensions	see note
5655-K50	IMS Problem Investigator V1	see note
5655-K52	IMS Connect V2.2	see note
5655-K53	IMS HP Pointer Checker V2	see note
5655-K94	IMS HP Fast Path Utils V2	see note
5655-K96	IMS HP Image Copy V3	see note
5655-L08	IMS DB Control Suite V3	see note

IPLA Programs with Reference-Based Terms based upon IMS

Program ID	Program Name	SMF89?*
5655-L61	IMS ETO Support V3	see note
5655-L69	IMS Parameter Manager	see note
5655-M26	IMS HP Load V2	see note
5655-M27	IMS HP Prefix Resolution V3	see note
5655-M28	IMS Parallel Reorg V3	see note
5655-M38	WebSphere II Event Pub IMS	see note
5655-N45	IMS HP Image Copy V4	see note
5655-N46	IMS HALDB Toolkit V3	see note
5655-N47	IMS DB Recovery Facility V3	see note
5655-P01	IMS Sysplex Manager	see note
5655-P43	IMS HP Sysgen Tools V2	see note
5655-R01	IMS Index Builder for z/OS V3	see note
5655-R02	IMS Problem Investigator V2	see note
5655-R03	IMS Performance Analyzer V4	see note
5655-R05	IMS HP FP Utilities V3	see note
5655-R23	IMS Audit Management Expert	see note
5655-R26	IMS Recovery Expert for z/OS V1	see note
5655-R34	IMS Tools Knowledge Base	see note
5655-R55	WebSphere Replication Server for z/OS V9	see note
5655-R58	IMS Command Cntl Facility V2	see note
5655-S35	IMS DB Reorganization Expert for z/OS V4	see note
5655-S42	IMS Performance Solution Pack	see note
5655-S56	IMS Connect Extensions V2	see note
5655-S77	IMS Database Solution Pack	see note
5655-S98	IMS Recovery Expert for z/OS V2	see note
5655-STM	InfoSphere Guardium S-TAP for IMS on z/OS V8	see note
5655-U08	IMS Library Integrity Utilities for z/OS V2	see note
5655-U09	IMS High Performance Pointer Checker for z/OS V3	see note
5655-U91	IMS Cloning Tool	see note
5655-V86	IMS Recovery Solution Pack	see note
5655-W14	IMS Fast Path Solution Pack	see note
5655-W28	InfoSphere IMS Replication for z/OS V10	see note
5697-E99	IMS Queue Control Fac V1	see note
5697-H75	IMS Batch Backout Manager	see note
5697-H77	IMS Buffer Pool Analyzer	see note
5697-H91	IMS Multi-Dialog Manager	see note

IPLA Programs with Reference-Based Terms based upon IMS

Program ID	Program Name	SMF89?*
5697-I08	IMS Queue Control Fac V2	see note
5697-N50	IMS Queue Control Fac V3	see note
5698-A34	OMEGAMON XE for IMS on z/OS V4	see note
5698-A39	OMEGAMON XE for IMS on z/OS V3	see note

* Note: SMF89 records are only needed for Sub-Capacity z Systems MLC programs or z Systems IPLA programs with Execution-based terms because IBM is able to determine the required sub-capacity license capacity of z Systems IPLA programs with Reference-based terms by examining the MSUs reported for the parent program and for z Systems IPLA programs with z/OS-based terms by examining the MSUs reported for z/OS on Sub-Capacity Reports.

Caution: This z Systems Contracts web page contains a listing of all the sub-capacity eligible IBM software products, as announced by IBM. Sub-Capacity Reporting Tool (SCRT) support for Sub-Capacity z Systems MLC or IPLA products with Execution-based terms generally occurs at or soon after the product's general availability date. To determine whether a particular version/release of SCRT supports a particular Sub-Capacity z Systems MLC or IPLA product with execution-based terms, please visit the ['What's New'](#) portion of the SCRT website.