OVERVIEW

Based on the renowned Process Classification Framework® (PCF), The Utilities PCF® is customized to define processes used within organizations around the world. Version 7.2.1 of the Utilities PCF® includes changes to make it compliant with the most recent information in Cross Industry PCF® v7.2.1. This version of the PCF was developed in conjunction with IBM and contains feedback from a variety of individuals within the industry. Microsoft provided much of the subject matter expertise to create this industry specific process classification framework.

THE FRAMEWORK FOR PROCESS IMPROVEMENT

Experience shows that the potential of benchmarking to drive dramatic improvement lies squarely in making out-of-the-box comparisons and searching for insights not typically found within intra-industry paradigms. To enable this beneficial benchmarking, the APQC Process Classification Framework (PCF)® serves as a high-level, industry-neutral enterprise process model that allows organizations to see their business processes from a cross-industry viewpoint. The cross-industry framework has experienced more than 20 years of creative use by thousands of organizations worldwide. The PCF provides the foundation for APQC’s Open Standards Benchmarking® (OSB) database and the work of its advisory council of global industry leaders. Each version of the PCF will continue to be enhanced as the OSB database further develops definitions, processes, and measures. The PCF and associated measures and benchmarking surveys are available for download from the Open Standards Benchmarking web site at www.apqc.org/osb.

HISTORY

The cross-industry Process Classification Framework® was originally envisioned as a taxonomy of business processes and a common language through which APQC member organizations could benchmark their processes. The initial design involved APQC and more than 80 organizations with a strong interest in advancing the use of benchmarking in the United States and worldwide. Since its inception in 1992, the PCF has seen updates to most of its content. These updates keep the framework current with the ways that organizations do business around the world. In 2014, APQC worked to enhance the cross-industry PCF and updated a number of industry-specific process classification frameworks.

The PCF is written in United States English language format.
Looking Forward

The cross-industry and industry Process Classification Frameworks are evolving models, which APQC will continue to enhance and improve regularly. Thus, APQC encourages comments, suggestions, and more importantly, the sharing of insights from having applied the PCF within your organization. Share your suggestions and experiences with the PCF by e-mailing pcf_feedback@apqc.org.

About IBM

At IBM, we collaborate with our clients, bringing together business insight, advanced research and technology to give them a distinct advantage in today’s rapidly changing environment. Through our integrated approach to business design and execution, we help turn strategies into action. And with expertise in 17 industries and global capabilities that span 170 countries, we can help clients anticipate change and profit from new opportunities. For more information, visit www.ibm.com/services/gbs.

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THE APQC PROCESS CLASSIFICATION FRAMEWORKSM (PCF)

The PCF was developed by non-profit APQC, a global resource for benchmarking and best practices, and its member companies as an open standard to facilitate improvement through process management and benchmarking, regardless of industry, size, or geography. The PCF organizes operating and management processes into 12 enterprise level categories, including process groups and over 1,000 processes and associated activities. To download the full PCF or industry-specific versions of the PCF as well as associated measures and benchmarking, visit www.apqc.org/pcf.

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**PROCESS ELEMENT NUMBERING SCHEME**

The PCF identifies each process element using a unique 5-digit reference number following the name of the process element. [i.e., (16437), (17060), (17061) (16458), (18129), shown in the above graphic]. This number will always refer to the conceptual definition of the process element. The actual process elements and actual definition may change, but conceptually the decomposition will remain consistent considering the entire scope of the PCF. A new 5-digit number will be assigned to a process element if its definition substantially changes.
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  4.2.1.5 Analyze organization’s spend profile (10285)
  4.2.1.6 Seek opportunities to improve efficiency and value (10286)
  4.2.1.7 Collaborate with suppliers to identify sourcing opportunities (10287)

4.2.2 Develop sourcing and category management strategies (20973)

4.2.3 Select suppliers and develop/maintain contracts (10278)
  4.2.3.1 Select suppliers (10288)
  4.2.3.2 Certify and validate suppliers (10289)
  4.2.3.3 Negotiate and establish contracts (10290)
  4.2.3.4 Manage contracts (10291)

4.2.4 Order materials and services (10279)
  4.2.4.1 Process/Review requisitions (10292)
  4.2.4.2 Approve requisitions (10293)
  4.2.4.3 Solicit/Track vendor quotes (10294)
  4.2.4.4 Create/Distribute purchase orders (10295)
  4.2.4.5 Expedite orders and satisfy inquiries (10296)
4.2.5 Manage suppliers (10280)
  4.2.5.1 Monitor/Manage supplier information (10299)
  4.2.5.2 Prepare/Analyze procurement and vendor performance (10300)
  4.2.5.3 Support inventory and production processes (10301)
  4.2.5.4 Monitor quality of product delivered (10302)

4.2.6 Reconcile purchase orders (10297)

4.2.7 Research/Resolve order exceptions (10298)

4.3 Produce/Assemble/Test product (10217)

4.3.1 Schedule production (10303)
  4.3.1.1 Model and simulate plant (19563)
  4.3.1.2 Generate line level plan (10306)
  4.3.1.3 Generate detailed schedule (10307)
  4.3.1.4 Schedule production orders and create lots (10308)
  4.3.1.5 Schedule preventive (planned) maintenance (preventive maintenance orders) (10315)
  4.3.1.6 Schedule requested (unplanned) maintenance (work order cycle) (10316)
  4.3.1.7 Release production orders and create lots (10309)

4.3.2 Produce/Assemble product (10304)
  4.3.2.1 Manage raw material inventory (10310)
  4.3.2.2 Execute detailed line schedule (10311)
  4.3.2.3 Report maintenance issues (10319)
  4.3.2.4 Rerun defective items (10313)
  4.3.2.5 Monitor and optimize production process (19566)
    4.3.2.5.1 Automate and control plant (19567)
    4.3.2.5.2 Perform advanced process control (19568)
    4.3.2.5.3 Perform real-time optimization (19569)
    4.3.2.5.4 Manage plant alarms and alerts (19570)
  4.3.2.6 Assess production performance (10314)

4.3.3 Perform quality testing (10369)
  4.3.3.1 Calibrate test equipment (10318)
  4.3.3.2 Perform testing using the standard testing procedure (10374)
  4.3.3.3 Manage quality samples (20956)
  4.3.3.4 Record test results (10375)
  4.3.3.5 Track and analyze non-conformance trends (12045)
  4.3.3.6 Perform root cause analysis (12046)

4.3.4 Maintain production records and manage lot traceability (10370)

4.3.5 Produce/Assemble/Test product (10217)

4.3.6 Perform quality testing (10369)

4.3.7 Maintain production records and manage lot traceability (10370)

4.3.8 Manage warehouse transfers (20957)

4.4 Manage logistics and warehousing (10219)

4.4.1 Provide logistics governance (10338)
  4.4.1.1 Translate customer service requirements into logistics requirements (10343)
  4.4.1.2 Design logistics network (10344)
  4.4.1.3 Communicate outsourcing needs (10345)
  4.4.1.4 Develop and maintain delivery service policy (10346)
  4.4.1.5 Optimize transportation schedules and costs (10347)
  4.4.1.6 Define key performance measures (10348)
  4.4.1.7 Define reverse logistics strategy (16905)

4.4.2 Plan and manage inbound material flow (20936)
  4.4.2.1 Plan inbound material receipts (10349)
  4.4.2.2 Manage inbound material flow (10350)
  4.4.2.3 Monitor inbound delivery performance (10351)
  4.4.2.4 Manage flow of returned products (10352)
  4.4.2.5 Control quality of returned parts (12708)
  4.4.2.6 Salvage or repair returned products (20109)
    4.4.2.6.1 Perform salvage activities (10366)
    4.4.2.6.2 Manage repair/refurbishment and return to customer/stock (14195)

4.4.3 Operate warehousing (10340)
  4.4.3.1 Track inventory deployment (10353)
  4.4.3.2 Receive, inspect, and store inbound deliveries (10354)
  4.4.3.3 Track product availability (10355)
  4.4.3.4 Pick, pack, and ship product for delivery (10356)
  4.4.3.5 Track inventory accuracy (10357)
  4.4.3.6 Track third-party logistics storage and shipping performance (10358)
  4.4.3.7 Manage physical finished goods inventory (10359)
  4.4.3.8 Manage warehouse transfers (20957)

4.4.4 Operate outbound transportation (10341)
  4.4.4.1 Plan, transport, and deliver outbound product (10360)
  4.4.4.2 Track carrier delivery performance (10361)
  4.4.4.3 Manage transportation fleet (10362)
  4.4.4.4 Process and audit carrier invoices and documents (10363)
5.1 Establish service delivery governance and strategies (20026)

5.1.1 Establish service delivery governance (20027)
  5.1.1.1 Set up and maintain service delivery governance and management system (20028)
  5.1.1.2 Manage service delivery performance (20029)
  5.1.1.3 Manage service delivery development and direction (20030)
  5.1.1.4 Solicit feedback from customer on service delivery satisfaction (20031)

5.1.2 Develop service delivery strategies (20032)
  5.1.2.1 Define service delivery goals (20033)
  5.1.2.2 Define labor policies (20034)
  5.1.2.3 Evaluate resource availability (20035)
  5.1.2.4 Define service delivery network and supply constraints (20036)
  5.1.2.5 Define service delivery process (20037)
  5.1.2.6 Review and validate service delivery procedures (20038)
  5.1.2.7 Define service delivery workplace layout and infrastructure (20039)

5.2 Manage service delivery resources (20040)

5.2.1 Manage service delivery resource demand (20041)
  5.2.1.1 Monitor pipeline (20042)
  5.2.1.2 Develop baseline forecasts (20043)
  5.2.1.3 Collaborate with customers (20044)
  5.2.1.4 Develop consensus forecast (20045)
  5.2.1.5 Determine availability of skills to deliver on current and forecast customer orders (20046)
  5.2.1.6 Monitor activity against forecast and revise forecast (20047)
  5.2.1.7 Evaluate and revise forecasting approach (20048)
  5.2.1.8 Measure forecast accuracy (20049)

5.2.2 Create and manage resource plan (20050)
  5.2.2.1 Define and manage skills taxonomy (20051)
  5.2.2.2 Create resource plan (20052)
  5.2.2.3 Match resource demand with capacity, skills, and capabilities (20053)
  5.2.2.4 Collaborate with suppliers and partners to supplement skills and capabilities (20054)
  5.2.2.5 Identify critical resources and supplier capacity (20055)

5.2.2.6 Monitor and manage resource capacity and availability (20056)

5.2.3 Enable service delivery resources (12127)
  5.2.3.1 Develop service delivery training plan (12128)
  5.2.3.2 Develop training materials (12129)
  5.2.3.3 Manage training schedule (12131)
  5.2.3.4 Deliver operations training (12132)
  5.2.3.5 Deliver technical training (12133)
  5.2.3.6 Perform skill and capability testing (20057)
  5.2.3.7 Evaluate training effectiveness (12135)

5.3 Deliver service to customer (20058)

5.3.1 Initiate service delivery (20059)
  5.3.1.1 Review contract and agreed terms (20060)
  5.3.1.2 Understand customer requirements and define refine approach (20061)
  5.3.1.3 Modify/review and approve project plan (20062)
  5.3.1.4 Review customer business objectives (20063)
  5.3.1.5 Confirm environmental readiness (20064)
  5.3.1.6 Identify, select, and assign resources (20065)
  5.3.1.6.1 Establish people objectives (20066)
  5.3.1.6.2 Establish engagement rules (20067)
  5.3.1.7 Plan for service delivery (20068)

5.3.2 Execute service delivery (20069)
  5.3.2.1 Analyze environment and customer needs (20070)
  5.3.2.2 Define solution (20071)
  5.3.2.3 Validate solution (20072)
  5.3.2.4 Identify changes (20073)
  5.3.2.5 Obtain approval to proceed (20074)
  5.3.2.6 Make build/buy solution (20075)
  5.3.2.7 Deploy solution (20076)

5.3.3 Complete service delivery (20077)
  5.3.3.1 Conduct service delivery/project review and evaluate success (20078)
  5.3.3.2 Complete/finalize financial management activities (20079)
  5.3.3.3 Confirm delivery according to contract terms (20080)
  5.3.3.4 Release resources (20081)
  5.3.3.5 Manage service delivery completion (20082)
  5.3.3.6 Harvest knowledge (20083)
  5.3.3.7 Archive records and update systems (20084)
6.0 Manage Customer Service (20085)

6.1 Develop customer care/customer service strategy (10378)
6.1.1 Define customer service requirements across the enterprise (20086)
6.1.2 Define customer service experience (20087)
6.1.3 Define and manage customer service channel strategy (20088)
6.1.4 Define customer service policies and procedures (10382)
6.1.5 Establish target service level for each customer segment (10383)
6.1.6 Define warranty offering (20089)
   6.1.6.1 Determine and document warranty policies (16893)
   6.1.6.2 Create and manage warranty rules/claim codes for products (16890)
   6.1.6.3 Agree warranty responsibilities with suppliers (20090)
   6.1.6.4 Define warranty related offerings for customers (20091)
   6.1.6.5 Communicate warranty policies and offerings (12673)
6.1.7 Develop recall strategy (20092)

6.2 Plan and manage customer service contacts (10379)
6.2.1 Plan and manage customer service work force (10387)
   6.2.1.1 Forecast volume of customer service contacts (10390)
   6.2.1.2 Schedule customer service work force (10391)
   6.2.1.3 Track work force utilization (10392)
   6.2.1.4 Monitor and evaluate quality of customer interactions with customer service representatives (10393)
6.2.2 Manage customer service problems, requests, and inquiries (10388)
   6.2.2.1 Receive customer problems, requests, and inquiries (10394)
   6.2.2.2 Analyze problems, requests, and inquiries (13482)
   6.2.2.3 Resolve customer problems, requests, and inquiries (10395)
   6.2.2.4 Respond to customer problems, requests, and inquiries (10396)
   6.2.2.5 Identify and capture upsell/cross-sell opportunities (16926)
   6.2.2.6 Deliver opportunity to sales team (16937)
6.2.3 Manage customer complaints (10389)
   6.2.3.1 Receive customer complaints (10397)
   6.2.3.2 Route customer complaints (10398)
   6.2.3.3 Resolve customer complaints (10399)
   6.2.3.4 Respond to customer complaints (10400)
   6.2.3.5 Analyze customer complaints and response/redressal (19072)
6.2.4 Process returns (20094)
   6.2.4.1 Authorize return (10364)
   6.2.4.2 Process return and record reason (20095)
   6.2.4.3 Report incidents and risks to regulatory bodies (12840)

6.3 Service products after sales (12658)
6.3.1 Register products (20605)
6.3.2 Process warranty claims (12669)
   6.3.2.1 Receive warranty claim (20096)
   6.3.2.2 Validate warranty claim (12671)
   6.3.2.3 Investigate warranty issues (20097)
      6.3.2.3.1 Define issue (20098)
      6.3.2.3.2 Schedule field service (12677)
      6.3.2.3.3 Request and receive defective part (12678)
      6.3.2.3.4 Investigate issue/perform root cause analysis (20099)
      6.3.2.3.5 Receive investigation result/recommendation for corrective action (20100)
   6.3.2.4 Determine responsible party (20101)
   6.3.2.5 Manage pre-authorizations (20102)
   6.3.2.6 Approve or reject warranty claim (12668)
   6.3.2.7 Notify originator of approve/reject decision (20103)
   6.3.2.8 Authorize payment (20104)
   6.3.2.9 Close claim (20105)
   6.3.2.10 Reconcile warranty transaction disposition (20106)
   6.3.3 Manage supplier recovery (20107)
   6.3.3.1 Create supplier recovery claims (20107)
   6.3.3.2 Negotiate recoveries with suppliers (20108)
6.3.4 Service products (10218)
   6.3.4.1 Confirm specific service requirements for individual customer (10320)
      6.3.4.1.1 Process customer request (10324)
      6.3.4.1.2 Create customer profile (10325)
      6.3.4.1.3 Generate service order (10326)
   6.3.4.2 Identify and schedule resources to meet service requirements (10321)
      6.3.4.2.1 Create resourcing plan and schedule (10327)
      6.3.4.2.2 Create service order fulfillment schedule (10328)
   6.3.4.3 Provide service to specific customers (10322)
      6.3.4.3.1 Organize daily service order fulfillment schedule (10330)
      6.3.4.3.2 Execute product repair (10331)
      6.3.4.3.3 Manage service order fulfillment (10332)
   6.3.4.4 Ensure quality of service (10323)
6.3.4.4.1 Identify completed service orders for feedback (10334)
6.3.4.4.2 Identify incomplete service orders and service failures (10335)
6.3.4.4.3 Solicit customer feedback on services delivered (10336)
6.3.4.4.4 Process customer feedback on services delivered (10337)

6.4 Manage product recalls and regulatory audits (20110)
6.4.1 Initiate recall (20111)
6.4.2 Assess the likelihood and consequences of occurrence of any hazards (20112)
6.4.3 Manage recall related communications (20113)
6.4.4 Submit regulatory reports (20114)
6.4.5 Monitor and audit recall effectiveness (20115)
6.4.6 Manage recall termination (20116)

6.5 Evaluate customer service operations and customer satisfaction (20595)
6.5.1 Measure customer satisfaction with customer problems, requests, and inquiries handling (10401)
   6.5.1.1 Solicit customer feedback on customer service experience (11687)
   6.5.1.2 Analyze customer service data and identify improvement opportunities (11688)
   6.5.1.3 Provide customer feedback to product management on customer service experience (18126)
6.5.2 Measure customer satisfaction with customer complaint handling and resolution (10402)
6.5.2.1 Solicit customer feedback on complaint handling and resolution (11236)
6.5.2.2 Analyze customer complaint data and identify improvement opportunities (11237)
6.5.2.3 Identify common customer complaints (11689)
6.5.3 Measure customer satisfaction with products and services (10403)
   6.5.3.1 Gather and solicit post-sale customer feedback on products and services (11238)
   6.5.3.2 Solicit post-sale customer feedback on ad effectiveness (11239)
   6.5.3.3 Solicit customer feedback on cross-channel experience (20117)
   6.5.3.4 Analyze product and service satisfaction data and identify improvement opportunities (11240)
   6.5.3.5 Provide feedback and insights to appropriate teams (product design/development, marketing, manufacturing) (11241)
6.5.4 Evaluate and manage warranty performance (12672)
6.5.4.1 Measure customer satisfaction with warranty handling and resolution (20118)
6.5.4.2 Monitor and report on warranty management metrics (12676)
6.5.4.3 Identify improvement opportunities (20119)
6.5.4.4 Identify opportunities to eliminate warranty waste (12674)
6.5.4.5 Investigate fraudulent claims (20120)
6.5.5 Evaluate recall performance (20121)
7.0 Develop and Manage Human Capital (10007)

7.1 Develop and manage human resources planning, policies, and strategies (17043)

7.1.1 Develop human resources strategy (20958)
  7.1.1.1 Identify strategic HR needs (10418)
  7.1.1.2 Define HR and business function roles and accountability (10419)
  7.1.1.3 Determine HR costs (10420)
  7.1.1.4 Establish HR measures (10421)
  7.1.1.5 Communicate HR strategies (10422)
  7.1.1.6 Develop strategy for HR systems/technologies/tools (10432)
  7.1.1.7 Manage employer branding (20606)

7.1.2 Develop and implement workforce strategy and policies (17045)
  7.1.2.1 Gather skill requirements according to corporate strategy and market environment (10423)
  7.1.2.2 Plan employee resourcing requirements per business unit/organization (10424)
  7.1.2.3 Develop compensation plan (10425)
    7.1.2.3.1 Establish incentive plan (10210)
  7.1.2.4 Develop succession plan (10426)
  7.1.2.5 Develop high performers/leadership programs (16938)
  7.1.2.6 Develop employee diversity plan (10427)
  7.1.2.7 Develop training program (11622)
  7.1.2.8 Develop recruitment program (11623)
  7.1.2.9 Develop other HR programs (10428)
  7.1.2.10 Develop HR policies (10429)
  7.1.2.11 Administer HR policies (10430)
  7.1.2.12 Plan employee benefits (10431)
  7.1.2.13 Develop workforce strategy models (10433)
  7.1.2.14 Implement workforce strategy models (20122)

7.1.3 Monitor and update strategy, plans, and policies (10417)
  7.1.3.1 Measure realization of objectives (10434)
  7.1.3.2 Measure contribution to business strategy (10435)
  7.1.3.3 Communicate plans and provide updates to stakeholders (10436)
  7.1.3.4 Review and revise HR plans (10438)

7.1.4 Develop competency management models (17046)

7.2 Recruit, source, and select employees (10410)

7.2.1 Manage employee requisitions (10439)
  7.2.1.1 Align staffing plan to workforce plan and business unit strategies/resource needs (10445)
  7.2.1.2 Develop and maintain job descriptions (10447)
  7.2.1.3 Open job requisitions (10446)
  7.2.1.4 Post job requisitions (10448)
  7.2.1.5 Modify job requisitions (10450)
  7.2.1.6 Notify hiring manager (10451)

7.2.2 Recruit/Source candidates (10440)
  7.2.2.1 Determine recruitment methods and channels (10453)
  7.2.2.2 Perform recruiting activities/events (10454)
  7.2.2.3 Manage recruitment vendors (10455)
  7.2.2.4 Manage employee referral programs (17047)
  7.2.2.5 Manage recruitment channels (17048)

7.2.3 Screen and select candidates (20123)
  7.2.3.1 Identify and deploy candidate selection tools (10456)
  7.2.3.2 Interview candidates (10457)
  7.2.3.3 Test candidates (10458)
  7.2.3.4 Select and reject candidates (10459)

7.2.4 Manage new hire/re-hire (10443)
  7.2.4.1 Draw up and make offer (10463)
  7.2.4.2 Negotiate offer (10464)
  7.2.4.3 Hire candidate (10465)

7.2.5 Manage applicant information (10444)
  7.2.5.1 Obtain candidate background information (10460)
  7.2.5.2 Create applicant record (10466)
  7.2.5.3 Manage/track applicant data (10467)
    7.2.5.3.1 Complete position classification and level of experience (20124)
  7.2.5.4 Archive and retain records of non-hires (10468)

7.3 Manage employee on-boarding, development, and training (20599)

7.3.1 Manage employee orientation and deployment (10469)
  7.3.1.1 Create/maintain employee on-boarding program (10474)
    7.3.1.1.1 Develop employee induction program (10477)
    7.3.1.1.2 Maintain/Update employee induction program (10478)
  7.3.1.2 Evaluate the effectiveness of the employee on-boarding program (11243)
  7.3.1.3 Execute on-boarding program (17050)

7.3.2 Manage employee performance (10470)
  7.3.2.1 Define employee performance objectives (10479)
  7.3.2.2 Review, appraise, and manage employee performance (10480)
  7.3.2.3 Evaluate and review performance program (10481)

7.3.3 Manage employee development (10472)
  7.3.3.1 Define employee development guidelines (10487)
  7.3.3.2 Develop employee career plans and career paths (10488)
  7.3.3.3 Manage employee skill and competency development (17051)
7.3.4 Develop and train employees (10473)

7.3.4.1 Align employee with organization development needs (10490)
7.3.4.2 Define employee competencies (16940)
7.3.4.3 Align learning programs with competencies (10491)
7.3.4.4 Establish training needs by analysis of required and available skills (10492)
7.3.4.5 Develop, conduct, and manage employee and/or management training programs (10493)
7.3.4.6 Manage examinations and certifications (20125)
  7.3.4.6.1 Liaise with external certification authorities (20126)
  7.3.4.6.2 Administer certification tests (20127)
  7.3.4.6.3 Appraise experience qualifications (20128)
  7.3.4.6.4 Administer certificate issue and maintenance (20129)

7.4 Manage employee relations (17052)

7.4.1 Manage labor relations (10483)
7.4.2 Manage collective bargaining process (10484)
7.4.3 Manage labor management partnerships (10485)
7.4.4 Manage employee grievances (10531)

7.5 Reward and retain employees (10412)

7.5.1 Develop and manage reward, recognition, and motivation programs (10494)
  7.5.1.1 Develop salary/compensation structure and plan (10498)
  7.5.1.2 Develop benefits and rewards plan (10499)
  7.5.1.3 Perform competitive analysis of benefits and rewards (10500)
  7.5.1.4 Identify compensation requirements based on financial, benefits, and HR policies (10501)
  7.5.1.5 Administer compensation and rewards to employees (10502)
  7.5.1.6 Reward and motivate employees (10503)
7.5.2 Manage and administer benefits (10495)
  7.5.2.1 Deliver employee benefits program (10504)
  7.5.2.2 Administer benefit enrollment (10505)
  7.5.2.3 Process claims (10506)
  7.5.2.4 Perform benefit reconciliation (10507)
7.5.3 Manage employee assistance and retention (10496)
  7.5.3.1 Deliver programs to support work/life balance for employees (10508)
  7.5.3.2 Develop family support systems (10509)
  7.5.3.3 Review retention and motivation indicators (10510)
  7.5.3.4 Review compensation plan (10511)
7.5.4 Administer payroll (10497)

7.6 Redeploy and retire employees (10413)

7.6.1 Manage promotion and demotion process (10512)
7.6.2 Manage separation (10513)
7.6.3 Manage retirement (10514)
7.6.4 Manage leave of absence (10515)
7.6.5 Develop and implement employee outplacement (10516)
7.6.6 Manage workforce scheduling (20132)
  7.6.6.1 Receive required resources/skills and capabilities (20133)
  7.6.6.2 Manage resource deployment (10517)
7.6.7 Relocate employees and manage assignments (17055)
  7.6.7.1 Manage expatriates (10520)

7.7 Manage employee information and analytics (17056)

7.7.1 Manage reporting processes (10522)
7.7.2 Manage employee inquiry process (10523)
7.7.3 Manage and maintain employee data (10524)
7.7.4 Manage human resource information systems HRIS (10525)
7.7.5 Develop and manage employee metrics (10526)
7.7.6 Develop and manage time and attendance systems (10527)
7.7.7 Manage/Collect employee suggestions and perform employee research (10530)

7.8 Manage employee communication (17057)

7.8.1 Develop employee communication plan (10529)
7.8.2 Conduct employee engagement surveys (16944)

7.9 Deliver employee communications (10532)
8.0 Manage Information Technology (IT) (20607)

8.1 Develop and manage IT customer relationships (20608)

8.1.1 Understand IT customer needs (20609)
  8.1.1.1 Understand IT customer communities (20610)
  8.1.1.2 Assess IT customer operational capabilities (20611)

8.1.2 Identify IT customer transformation needs (20612)
  8.1.2.1 Understand business requirements for IT capabilities (20613)
  8.1.2.2 Understand IT landscape (20614)
  8.1.2.3 Develop IT visioning (20615)
  8.1.2.4 Outline IT service expectations (20616)

8.1.3 Plan and communicate IT services (20617)
  8.1.3.1 Manage IT customer expectations (20618)
  8.1.3.2 Define future IT services (20619)
  8.1.3.3 Determine IT performance indicators (20620)
  8.1.3.4 Create IT marketing messages (20621)
  8.1.3.5 Create IT service marketing plan (20622)

8.1.4 Provide IT transformation guidance (20623)
  8.1.4.1 Develop IT transformation plans (20624)
  8.1.4.2 Collect IT customer requirements (20625)
  8.1.4.3 Analyze IT customer requirements (20637)
  8.1.4.4 Identify and prioritize IT opportunities (20626)
  8.1.4.5 Facilitate solution design activities (20627)
  8.1.4.6 Prioritize IT outcomes (20628)
  8.1.4.7 Develop business cases (20629)
  8.1.4.8 Support business case (20630)
  8.1.4.9 Develop transformation roadmap (20631)

8.1.5 Develop and manage IT service levels (20632)
  8.1.5.1 Understand IT service requirements (20633)
  8.1.5.2 Forecast IT service demand (20634)
  8.1.5.3 Maintain IT services catalog (20635)
  8.1.5.4 Define service level agreement (20636)
  8.1.5.5 Maintain IT customer contracts (20637)
  8.1.5.6 Negotiate and establish service level agreements (20638)
  8.1.5.7 Develop and maintain improvement processes (20640)

8.1.6 Manage IT customer relationships (20641)
  8.1.6.1 Establish relationship management mechanisms (20642)
  8.1.6.2 Understand IT customer strategy (20643)
  8.1.6.3 Understand IT customer environment (20644)
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