Maj: 01/09/2023 **Start date: 07/07/2023** Actions Pb: The last 4 treatments were not fully executed between 00:00 and 6:00 in the morning. Action to be tested **Expected result** Start/end OK/KO Context: Since the start of her Customer impact: For the end customer, the service is debited on D+2 Immediately. Modification of the GATHER program so that it uses Reduce GATHER program processing time from IT CASA + team Completion within night shift, Kenza has been woken 7h20 (26400 seconds) to 60 seconds the DAY file as the master file for its processing Trade Team (GATHER_2 version) 10 days instead of the CLIENT file. up 4 times due to the inability of The internal customer suffers a delay of at least 2 weeks in the delivery of Creation of a PREPROD_2 environment to temporarily the treatment to finish before 6 5 IT functions. mmediately. End The night shift is no longer called upon to deal run GATHER processing during the day, while waiting on delivery of a.m. for the sampling of services IT CASA Team with this problem Impact Enterprise: The disorganization caused by the use of the for its modification to be completed. modified The team gets back its PREPROD environment Leader carried out on D-1. Temporary reassignment of a person to perform GATHER PREPROD environment to replay night-time treatments during the day led to work GATHER treatment during the day Previously, it ended at 2:00 am. to a 10% drop in the team's productivity over the past 4 days. Immediately. In their development requests, business lines The GATHER program used to last Updating the good architecture practices file: the IT_CASA + team Completion within specify the number of operations generated by Human impact: Kenza's health is deteriorating rapidly. master file is the one that generates the minimum about 1h50; now it lasts over 6h. Trade Team 10 days their architectural choices. number of operations Kenza's colleagues have to absorb part of her daytime workload Determine the lifespan of "inactive customers" in the Immediately. No customers inactive for more than 3 years in database and remove those that are "obsolete". The IT CASA + team Completion the CUSTOMER file. GDPR says "3 years from the end of the commercial Societal/Environmental impact: No impact identified Trade Team within 10 days relationship." Do not include customer data for which the last No customers inactive for more than 3 years in Immediately. commercial relationship dates back more than 3 years Trade Team the CUSTOMER file. Completion Process or work standard Integration of this rule into the best practices within 10 days repository. SCHEDULER (the tool that launches programs one after the other) No customers inactive for more than 3 years in Develop a means of "run-of-the-mill" cleansing of IT CASA + team Immediately. End the CUSTOMER file. within 30 days customer data whose last commercial relationship Trade Team dates back more than 3 years. Custo mer #3 #4 #5 Inform IT development and operations teams at least **Immediately** #2 No unexpected degradation of IT application #1 #6 PMO DCCP one month before integrating a quantity of data that Completion performance The SAV_DB DAY Program ZOU_L increases file size by more than 5% at a time. RACI The GATHER program within 5 days The CERBERUS The database sends the modification MASTER OF KEYS MASTER_OF_KEYS collects the services to program backup MT101 direct program closes disconnects all be debited and creates program opens the program debit request file the user portal at user portal at 6:00 the file to be sent to users at 9:45 10 to 11 p.m. Mandatory performance test before integrating a to the bank 9:46 p.m. Immediately. the bank at 00:00. a.m. No unexpected degradation of IT application p.m. quantity of data that increases file size by more than **Product Owner** Completion 5% at a time. Addition of a step in the workflow of the performance DCCP within 5 days Accounting and Payment Chain Domain (DCCP) teams. How can the hypothesis be validated? + Observations OK/KO? Causal hypothesis Deleting Results duplicates Deletion of inactive Gemba in computer code. Daytime individual customers > 5 The CUSTOMER file serves as the master file, so it processes 12 million customers Does the GATHER program only start from the treatments every night, looking for the 31,000 who have a service to pay for: services to be billed (DAY file) to fetch the Deletion of inactive individual Nobody remembers the reason for this technical choice, which does not GATHER 2 GATHER 2 customer data, or does it start from the customers > 4 years correspond to the state of the art, because the specifications are missing, because replaces replaces NO SLIME: CUSTOMER file and then determine who needs to they have been lost, because initially (a long time ago) technical documentations GATHER GATHER were kept locally on the employees' workstations, instead of being kept on a Automatic deletion program for be billed for something? L inactive individual customers > 3 server with archiving. 0.5 years Nobody knew that the CLIENT file was the master file for the GATHER program. 000 S2 S3 S4 S5 S6 S1 S2 S3 S4 S5 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 Determining the evolution of the customer file size : Treatment duration Number of "inactive" customers in the The integration of the Northern Europe and Eastern Europe zone has quadrupled the Triggered night shifts GATHER (seconds) CUSTOMER file (in millions) size of the CUSTOMER database (from 4 to 16 million referenced customers). No test of correct operation after a 300% increase in the size of the customer Acting on our practices / Lessons learned Has the number of customers to be processed database, because Operations had not been informed of the change nor of its OK each day increased? date, and because the « Business" teams in Paris only communicate with IT for program or data structure modification requests. Of the 12 million new "customers" integrated, 90% have been inactive for more Identify the state of the art in IT and train everyone involved in designing and developing an application. For example: The master file of an application is the one that contains the final data to be processed, not the file that enriches this Before inserting data, it is necessary to determine quality and relevance criteria that will ensure that only complete Controlling the number of services to be processed per day: Has the quantity of services to be processed each day increased? The number of services to be billed per day increased by 3% (from 30,000 to and useful data is included in the target database. KO RGPD is EVERYBODY's business! Insufficient contribution to justify 4-fold increase in treatment time

KO

Does the scheduler run other programs in the

background that consume server resources?

Control of programs running in the background:

background

No programs competing for machine resources (processors and disk access) in the

Measuring quality of life at work (QWL) helps us find the right problems to solve, because:

- > QWL tells us about the quality of interpersonal relations,
- > QWL tells us something about the quality and quantity of the resources made available to people,
- QWL tells us about the meaning of the missions and activities we give to these same people.