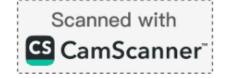
	Date
NAME : VANNESS M. LAD	or the principle of the state of the
SECTION: BSIT 3-IND DATE SUCTED SECTIONS	2 ART 191 191 A 181 1 19 00
SUBJECT : DATABASE ADMINISTRATION	THU I HOTANISATUL TULL SIATE
SIGNATURE TO THE MIT OF STAN 1902 TO BE	STATED CALL TOTAL WITH A
1.) DATA ADMINISTRATION	KINDLANE ATEN PE
DATA ADMINISTRATION IS ALL ABOUT MANAGE	NG AND ORGANIZING POTA IN A
DATA BASE . IT'S SUPER IMPORTANT BECAUSE	IT HELPS MAKE SURE THAT DATA
THE ACCURATE, SECURE TAND EASY TO ACCESS	FOR EVERYONE WHO NEEDS IT .
FOR EXAMPLE, DURING MY PROJECT LAST FE	EMESTER; QUIZLITE, I HAD TO
CREATE A STRUCTURED WAY TO DEGANIZE	USER DATA SO THAT IT COULD BE
EASILY ACCESSED BY THE APPLICATION AL	DATA ADMINISTRATOR'S KEY JOBS
INCLUDE SETTING RULES FOR DATA MANA	GEMENT, CHECKING THE QUALITY
BUDP DATA, AND CONTROLLING WHO CAN ACC	CESS THE PATAS TO KEEP UIT
PROTECTED AS A OF HOTHWO CLANUS OF BO	AJY MILETERS IN PLA
	SCHIFTHING BUEC VIRONG.
27 DATABASE ADMINISTRATOR (DBA) RESPONS	SIBILITIES
- A DATABASE ADMINISTRATOR, OF DOA, IS	MAINLY RESPONSIBLE FOR A ATAG
SETTING UP, UPOATING, AND TAKING CARE	OF DATAPASE GYETEMS.
FOR INSTANCE, WHEN WE WERE DEVELOPING	NG THE DUNAMIC BLOG
PLATFORMS I HELPED SET UP THE DATABASE	AND MADE SURE IT WAS
RUNNING SMOOTHLY SODBAS KEEP AN EYE	DNO HOW THE DATABACE IS 390
PERFORMING , MALE SURE IT'S SECURE, AND	PERFORM BACK UPC TO AVOID
LOGING DATA . AS TECHNOLOGY HAS ADVANCE	ED, DBAS NOW USE CLOUD
PATABASES, AUTOMATE SOME OF THEIR TA	SKC , AND VIE WOLL TOOLS
LIKE AT TO HELP IMPOVE HOW DATA BASES	-WORK : 1 SHEETH STATIONA
CDEATH LOOKS THE SHALL MIKOSS MIFFELFINT	INFORM PTION), CONFICTENCY
3.) IMPORTANCE OF DATA SECURITY	SUSTENS), THE LINES (DATE
-DATA SECURITY IS REALLY IMPORTANT IN A	VANAGING DATABASES BECAUSE
IT PROTECTS SENSITIVE INFORMATION FROM	BEING STOLEN OF ACCESSED BY
THE PEOPLE WHO SHOULDN'T SEE OR VIEW IT.	IN MY EXPERIENCE ATHERE'S A
TIME WHEN ILERNED ABOUT DATA BREACH	HES IN CLASS, AND IT MADE



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1 121	•	

1) TATA ADMINISTRATION

ME REALIZE HOW CRUCIAL IT IS TO KEEP OUR DATA SAPE. FOR EXAMPLE,

TO KEEP DATA SECURE, DBAS OFTEN WE STRONG PASSWORDS, ENGRYPT

SENSITIVE INFORMATION (WHICH LOCKING IT UP), REGULARLY (HECK FOR SECURITY ISSUES, AND UPDATE THEIR SOFTWARE TO FIX ANY VULERABILITIES)

4.) DATA AVAILABILITY

931 C

DATA WAILABILITY MEANS MAKING SURE THE DATA IS ACCESSIBLE.

WHENEVER USERS OR APPLICATIONS NEED IT. THIS IS CRITICAL FOR

BUSINESSES BECAUSE OF THE FACT THAT IF DATA ISN'T AVAILABLE, IT

(AN LEAD TO LOST PRODUCTIVITY AND CUSTOMERS. IN ONE OF MY

NETWORK PROJECTS, WE HAD TO ENSURE THAT THE DATA FOR DUR

SIMULATIONS WAS ALWAYS ACCESSIBLE. TO ENSURE HIGH AVAILABILITY.

DBAS PO THINGS LIKE KEEP REGULAR BACK UPS; SET UP REPLICATION

CWHICH IST BASICALLY COPYING DATA TO MULTIPLE PLACES), AND HAVE

FAILDUER SYSTEMS IN PLACE TO RUICKLY SWITCH TO A BACK UP IF

SOMETHING DOES WRONG.

10 DATABASE ADMINISTRATOR (DBA) RESPONSIBILITIES

5-) DATA QUALITYE IN DATABASE MANAGEMENT TO STATISHIMING EMBATAG A

DATA RUALITY IS ABOUT ENSURING THAT THE INFORMATION IN THE

DATA BASE IS ACCURATE, COMPLETE, AND CONSISTENT HAVING HIGH
BUALITY PATA IS ESSENTIAL FOR MAKING GOOD PECISIONS AND EUNDING

OPERATIONS SMOOTHLY FOR EXAMPLE, WHEN I WORKED ON CREATING

FLASHCARDS FOR MY STUDIES I HAD ITS MAKE SURE THAT THE DATA

WAS NOT ONLY CORRECT BUT ALLO ORGANIZED IN A WAY THAT WAS FASY

TO UNDERSTAND. SOME IMPORTANT ASPECTS OF DATA QUALITY INCLUDE

ACCURACY (MAKING SURE DATA: IS CORRECT), COMPLETENESS (NO MISSING

INFORMATION), CONSISTENCY (DATA LOOKS THE SAME ACROSS DIFFERENT

SYSTEMS), TIME LINESS (DATA IS UP-TO-DATE); AND VALIDITY (DATA IN

FOLLOWS THE CORRECT FORMATS). DBAS (AN HELP IMPROVE DATA QUALITY

BY DOING REGULAR CHECKS, USING TOOLS TO CLEAN UP ANY ERPORS,

AND SETTING STANDARDS FOR PATA ENTRY TO KEEP DATA IN GOOD SHAPE.

TIME WHEN ILEPSINED PRIVATIONAL BEFORES IN CLASS MAD IT MADE

