graph TD

subgraph Public Zone

U(User)

end

subgraph Edge Zone

CDN(CDN / WAF)

end

subgraph Application DMZ

LB(Load Balancer)

WS(Web Server Farm)

end

subgraph Internal Core

MQ(Message Queue Server)

WRK(Worker Service)

end

subgraph Data Zone

DB\_P(Primary Database)

DB\_B(Backup System)

end

subgraph Management Zone

ADM(Internal Admin)

ADM\_P(Admin Portal)

end

U -- "1. HTTPS" --> CDN

CDN -- "2. HTTPS" --> LB

LB -- "3. HTTPS" --> WS

WS -- "4. JDBC/ODBC over TLS" --> DB\_P

WS -- "5. AMQP over TLS" --> MQ

WRK -- "6. AMQP over TLS" --> MQ

WRK -- "7. JDBC/ODBC over TLS" --> DB\_P

DB\_B -- "8. Backup Protocol over TLS" --> DB\_P

ADM -- "9. HTTPS over VPN" --> ADM\_P

ADM\_P -- "10. HTTPS" --> LB